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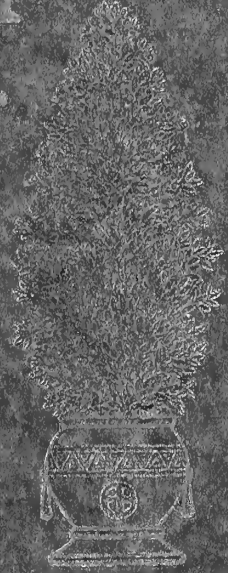
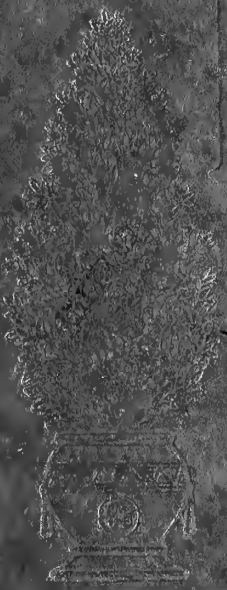
1915

AUG 21 1920
U. S. Department of Agriculture

INDEXED

DESCRIPTIVE CATALOGUE

Pasadena Nursery



ESTABLISHED
1888

T. CHISHOLM

Pasadena, California

TO CORRESPONDENTS

Correspondents will greatly oblige us by observing the following rules in making out their orders:

1st. Write letters legibly and always be sure to sign name in full and give postoffice address.

2nd. Orders from unknown correspondents must be accompanied with a remittance or satisfactory references.

3rd. Orders for goods to be sent C. O. D. must be accompanied with at least one-half the amount.

4th. Customers receiving goods will please open up same at once, and carefully examine and check over each item. Should anything be short or unsatisfactory, report immediately and we assure our prompt attention to the matter.

5th. Always state how you want the goods shipped, whether by freight, express or mail.

6th. Send remittance by bank draft or check, postoffice or express money order, or registered letter.

7th. *Guarantee of Genuineness.* While we exercise the utmost care to have all trees and plants sold by us prove true to name, yet mistakes through the neglect of an employe, are liable to occur. In all such cases we will return the original purchase price of the trees or plants, or replace with other stock. But it is mutually agreed between the purchaser and ourselves that we shall not, at any time, be liable for any amount greater than the usual price of stock.

8th. It is very important to water your trees immediately after planting. The cause of trees failing to start in many instances, is due to the failure to settle the soil around the roots.

9th. No charge is made for boxing, packing and delivering at depot or express office in Pasadena.

10th. Address all letters and make all orders payable to

T. CHISHOLM

Pasadena Nursery

Pasadena, California

FEB 6 1915

Pasadena Nursery

Descriptive Catalogue AND *Price List*



Fruit and Ornamental Trees
Shrubs, Palms, Roses
Flowering Plants
Etc.

Pasadena Nursery

T. CHISHOLM, Proprietor

OFFICE AND GREENHOUSES:

Corner Los Robles Ave. and Villa St. Pasadena, Cal.

BRANCH NURSERY

El Monte Road, Two Blocks East of San Gabriel Boulevard

EAST SAN GABRIEL

Evergreen Trees and Shrubs

ACACIAS

A family of quick growing trees, flowering in succession more or less the year round. Masses of beautiful golden flowers. Should be in every collection. The Following are some of the best varieties:

Acacia Floribunda. This variety might well be called an everbloomer, as it is covered with masses of Golden balls the greater part of the year. Foliage narrow and drooping, giving a graceful appearance. Price: 2 to 3 ft. high, 25c; 4 to 5 ft., 50c each.

Acacia Armata (Kangaroo Thorn). A spreading shrub, with yellow flowers; excellent for grouping. Each 25c.

Acacia Melanoxylon (Black Acacia). Very desirable tree for large grounds, extensively planted as a street tree; of quick growth and very symmetrical in form. Flowers pale yellow. 3 to 4 ft., 25c each; 5 to 6 ft. high, 50c; 6 to 8 ft., \$1.00.

Acacia Mollissima. Black Wattle. A fine tree with glaucous green, feathery foliage. Flowers golden yellow, borne in racemes. Makes a quick growing shade tree. 3 to 4 ft., 25c each; 6 to 8 ft. high, \$1.00 each.

Acacia Cultriformis. A dwarf growing tree, with blue gray foliage of a saw-tooth shape; covered in winter with masses of dark golden balls; a very pretty variety. 2 to 3 ft., 25c each; 4 to 5 ft., 50c.

Acacia Baileyana. A strikingly beautiful tree with glaucous pinnate foliage and covered late in winter with canary-yellow flowers, which completely envelop the tree. 3 to 4 ft., each, 50c; 6 to 8 ft., \$1.50.

Acacia Saligna. Another fine variety with long glaucous green leaves and large sized golden balls; makes an excellent screen and is largely used for grouping. 2 to 3 ft., 25c each; 4 to 5 ft., 50c.

Acacia Longifolia. A beautiful tree with long, willow like foliage and masses of golden flowers. 2 to 3 ft., 25c; 4 to 5 ft., 50c each.

Acacia Podalyriaefolia. A beautiful new and rare variety with silver foliage set close to the stem, and magnificent deep yellow flowers, commencing to bloom in December; makes it a very desirable variety for decorative purposes; plants 1½ ft. high, \$1.00.

Acacia Verticillata. Dwarf bush like form with dark green needle like leaves and pale yellow flowers. Good for planting as a screen or hedge. 1½ to 2 ft., 25c each.

ARAUCARIAS

Araucaria Excelsa. Norfolk Island Pine. Considered one of the most symmetrical trees in cultivation. Branches set in regular whorls of light green shade; extensively planted in lawns; also used in small sizes for porch decorations. 1½ to 2 ft. high, \$2.00 each.

Araucaria Robusta Compacta. Similar to the Excelsa, but of a more compact growth. Foliage a rich deep green color. Makes a beautiful tree. 2 ft. high, \$3.00 each.

Araucaria Excelsa Glauca. Another stately tree of symmetrical growth. Foliage of a beautiful glaucous shade. Makes a fine lawn specimen. 2 ft. high, \$3.00; 3 ft. high, \$4.00 each.

Bidwilli. Bunya-bunya tree of Australia. A magnificent tree of pyramidal habit. Branches closely set with spiney, shining, dark green leaves; one of the handsomest trees for lawn planting and should be in every collection. 1½ ft. high, \$1.50 each; large specimens in boxes, 5 to 10 ft. high, \$10.00 to \$25.00 each.

Araucaria Imbricata. Called monkey puzzle tree. A fine tree of slow growth; branches set at regular distance apart. A very attractive looking tree. 3½ to 4 ft., \$10.00 each.

ABUTILON

Abutilon. "Flowering Maple," "Golden Fleece," "Golden Ball." One of the best yellow varieties; a strong grower and a very free bloomer; color a bright golden yellow. 25c to 50c each.

Abutilon Vesuvius. A strong grower with large green foliage. Color red, veined with crimson. A constant bloomer. Strong plants, 25c each.

Abutilon Eclipse. Fine for hanging baskets or vases; trailing habit, with beautiful green and yellow marked foliage. Flowers bright yellow with crimson center. 4 inch pots, 25c; 6 inch pot size, 50c each.

Abutilon Snowball. White. A compact growing bush with pure white, bell shaped flowers. 4 inch pots, 15c each; 6 inch pots, 50c each.

AZALEAS

Azalea Indica. A pretty dwarf growing shrub with flowers of almost every shade of color. A showy winter bloomer for greenhouses. Requires a cool shady location outside. \$1.50 to \$3.00 each.

Azalea Mollis. A deciduous variety; producing clusters of flowers of beautiful shades from yellow to orange red before the leaves appear. 1½ ft., 75c each.

ARBUTUS

Arbutus Unedo. "Strawberry Tree." This is a very ornamental tree or large shrub, bearing white bell-like flowers and later covered with myriads of bright crimson fruits that are edible and somewhat resemble strawberries. 50c each.

ABIES SPRUCE

Abies Pinsops. The Spanish silver fir, with its handsome silvery green leaves. 1½ ft., \$1.50.

Abies Nordmandiana. A beautiful tree of symmetrical growth. Foliage dark green, shining with a silvery green undersurface. 1½ ft., \$2.00 each.

Abies Cephalonica. "Cephalonian Silver Fir." Isand of Cephalonica. 70 feet. A very beautiful species; broad for its height. Leaves are dark green above, silvery beneath, dagger-shaped and very acute, standing out from branches at right angles. Makes a fine specimen.

Abies Menzeisii. A native of Alaska and northwestern coast; thrives in low elevation, moist soil and climate, and is found in shady places. Beautiful as single specimens on lawn. Balled, 1½ to 2 ft., \$1.50 each.

Abies Pungens (Colorado Spruce). Branches in regular whorls, gradually receding toward top, and forming a conical outline. Leaves vary from green to silvery white. 1½ ft., \$1.50 each.

Abies Douglasii. Red Fir. Yellow Fir. Oregon Pine. This variety grows to a height of 300 feet; abounds in the Rocky Mountains. Accommodates itself to many soils, but prefers a deep, moist, cool and well-drained one; succeeds well on a dry, slaty soil and on sand dunes and exposed situations. 1½ ft., \$1.50 each.

AUCUBA

Aucuba Japonica (Japanese Laurel). Called the gold-dust tree on account of its large glossy foliage being marked with yellow spots. It is an extremely beautiful plant and does best in shady locations; also useful for porch decoration. 1½ ft., \$1.00.

Aucuba Latifolia Viridis. Similar to the above with dark green shiny leaves. 1½ ft., 75c each.

ABELIA

Abelia Ruspestris. A very pretty dwarf growing shrub with fragrant tube like, pinkish white flowers; a free bloomer. Strong plants, 25c to 75c each.

Anona Cherimolia. "Custard Apple." "Cirimoya." A fine tree with round light green foliage, bearing a desirable tropical fruit. 1½ ft. high, 50c; 3 to 4 ft., \$1.00.

ARALIA

Aralia Papyrifera (Chinese Rice-paper plant)
Small tree or shrub, leaves large, deeply lobed; light green above and white underneath. Bears masses of large white flowers. 50c each.

Aralia Sieboldi. Japanese. Has very shiny, dark green, fig-shaped leaves. Succeeds best in a shady location, also useful for house decoration. 2 ft., 50c each.

BERBERIS

Berberis Darwini. South America. A pretty dwarf growing shrub, with drooping branches. Leaves small, dark green, prickly like Holly. Leaves turn bright red in fall. Flowers golden yellow. One of the finest evergreen shrubs, 50c.

Berberis Thunbergii. (Thunberg's Barberry)
Prickly, dwarf variety; flowers showy, pale yellow, diffused with red; semi-deciduous. 1 to 2 ft., 50c each.

Berberis Aquifolium. "Oregon Grape." A handsome shrub with shingling, purplish, prickly leaves and bright yellow flowers, followed by blue or nearly black berries. 2 ft., \$1.50.

BRAGMANSIA

Bragmansia. "Angels' Trumpet." Has large tropical leaves; white fragrant flowers eight inches long, and six inches in diameter at the mouth; trumpet shaped; very showy and distinct. 1½ ft., 50c each.

BOXWOOD TREES

Boxwood. Pyramid shaped. Very fashionable in vases, for porch decoration and for formal gardens. 4 to 5 ft. high, \$6.00 to \$8.00 each.

Boxwood. "Buxus Sempervirens," Dwarf boxwood; generally used for edging of walks. 10c each; per 100, \$6.00.



Pyramid Boxwood

BRACHYCHITON

Sterculia Diversifolia. "Bottle tree." Australia. Tall tree, with clean glossy leaves, not unlike the camphor largely used in street parkings. 1½ ft., 25c; 4 to 5 ft., 50c each.

CAMPHOR TREE

Camphor Officinalis. A very desirable tree for lawns. Foliage a light green, the young growths having a pretty red shading. Largely used as a street tree in Southern California. 2 ft. high 25c; 3 to 4 ft., 50c; 5 to 6 ft. 75c each.

CASSIA

Cassia Tomentosa. Quick growing shrub, producing abundance of showy yellow, buttercup like flowers in winter. Stands heavy pruning. 2 ft. high, 25c; 4 ft., 50c.

Cassia Artemisia. A dwarf growing variety with pretty silver colored foliage and yellow flowers. 1½ to 2 ft., 50c each.

CESTRUM

Cestrum Aurantiacum. A very pretty free flowering shrub with clusters of tube-like, orange colored flowers. A good winter bloomer. 3 to 4 ft. high, 50c each.

Cestrum Elegans. (Habrothamuns Elegans). Another fine variety, with large panicles of



Avenue of Cedrus Deodara

CAROB TREE

Ceratonia Siliqua. The Carrob tree, St. John's Bread or Locust tree. A fine tree with long pods of edible fruit. Grows well in dry locations. 1 ft., 25c; 2 to 3 ft. high, 50c each.

CAMELLIA JAPONICA

Camellia Japonica. A beautiful winter blooming dwarf tree. Succeeds best in a shady location. 1½ ft., \$1.00; 2 to 3 ft., \$2.50; larger specimens, \$5.00 to \$10.00 each.

dark red flowers. A continuous bloomer. 3 to 4 ft. high, 50c each.

CASUARINA

Casuarina Stricta. A fine evergreen tree from Australia; of rapid growth, has long plumelike foliage; makes good wind-brake and street shade tree; stands heavy pruning and succeeds well near coast. 2 ft., 25c; 4 ft. high, 50c; 6 to 8 ft. in boxes, \$1.50.

CEDRUS DEODARA

Cedrus Deodara (Indian Cedar). A handsome tree of pyramidal habit. Foliage drooping; color a beautiful silvery grey. Makes a fine single specimen on lawns; useful for grouping in large grounds. 1½ ft., \$1.00; 3 to 4 ft., \$2.50; 5 ft., \$4.00; 6 to 7 ft., \$5.00 each.

Cedrus Lebanon. Darker foliage and more spreading habit than the preceding; a beautiful tree for large grounds. 2 to 3 ft., \$2.50 each.

Cedrus Atlantica. "Mt. Atlas Cedar." North Africa. 120 feet. Large, pyramidal, open tree. Leaves very slightly glaucous. The hardiest species. 3 ft., \$2.50 each.



Italian Cypress

CYPRESS

Cypress, Monterey (Cupressus Macrocarpa). A native of California. Largely used for hedges, and makes a beautiful large tree for lawns and parks. 2 to 3 ft., in tins, 15c each. 3 to 4 ft., balled, 50c. See hedge plants.

Cupressus Arizona. "Arizona Blue Cypress." 70 feet. A tree of great scenic value, and without doubt the most silvery of all the Cypresses. It grows quite rapidly and forms a perfect tree, thriving in almost any soil, standing intense heat. 2 ft. 50c; 4 ft., \$1.50; 6 to 8 ft., \$5.00.

C. Goveniana. "Goven's Cypress." 50 feet. A native California tree of large size and rapid growth. Branchlets and foliage very fine and slender. Blossoms so freely in spring as to give tree a bronzy tinge. 3 ft., 75c.

Blue Cypress. (Cupressus Guadalupenses). A very pretty tree of erect, compact habit, with glaucous green foliage. 3 ft., 75c each.

Lawson Cypress. (Cupressus Lawsoniana). A native tree with beautiful drooping branches; makes a handsome specimen for the lawn. 1½ ft., 50c each.

Italian Cypress. A tall, erect, tapering tree; useful for formal gardens and arches. 3 to 4 ft. high, 50c; 5 to 6 ft., \$1.50; 7 to 8 ft., \$3.00 each.

CALIFORNIA REDWOOD

California Redwood (Sequoia Sempervirens). California valuable timber tree. Very ornamental and graceful. 2 ft. high, 75c; 4 to 5 ft., \$3.50.

California Bigtree (Sequoia or Wellingtonia Gigantea). The largest tree on the American continent. Makes a beautiful lawn specimen. 2 ft., \$1.50.

CRATAEGUS

Crataegus Cuneatum (Hawthorne Family). A fine dwarf growing shrub with small white flowers, followed by clusters of bright red berries. Very desirable. 1½ ft., 50c; specimen plants, \$2.50.

Crataegus Pyrachantha. Another fine variety with pretty white flowers in spring, followed by orange colored berries. 2 ft. 50c; 5 ft., \$2.50.

CRYPTOMERIA

Cryptomeria Elegans (Bronze Tree). A pretty compact growing tree with fine foliage which changes in winter to a beautiful bronze red. From experience we find that it requires plenty of water in summer. See cut taken from our grounds. 1½ ft., 50c; 2 to 3 ft., \$1.50 each.

Cryptomeria Janonica. Another variety with araucaria like foliage. Pretty tree in young stage, but seldom do you see a good specimen here when they are old. 1½ ft., 25c; 2 to 3 ft., 50c each.



Cryptomeria Elegans

COPROSMA

Coprosma Baueri. A very handsome low growing shrub. The leaves are almost round, of a clean, glossy, green color and have the appearance of having been varnished. It is especially valuable for planting in small beds, around a porch or against a wall. In pots 1 ft., 25c; 2 ft., 50c

Coprosma Variegated. A variegated form of the preceding, with beautiful, variegated foliage. 6-inch pots, 75c each.

CHOISYA

Choisya Ternata. Mexican orange. A beautiful evergreen dwarf flowering shrub with bright glossy green foliage and pure white flowers, which have a strong orange flower fragrance; one of our best winter flowering shrubs, and should be in every collection. Succeeds best in a dry location. Nice plants, 1½ ft. 50c; large specimens in boxes, \$3.00 each.

Chorizema Cordatum. A pretty dwarf shrub producing clusters of red and yellow flowers. 1½ ft., 50c.

COTONEASTERS

Cotoneaster Horizontals. A low growing shrub beautiful in spring when covered with bright pink flowers, and in fall and winter when covered with scarlet berries. Useful for planting in shrubbery borders or rock work. Each, 50c to \$1.00.

Cotoneaster Microphylla. Low; branches almost horizontal; flowers small, white, followed by bright red berries in fall and winter months. Each, 50c.

Cotoneaster Frigida. A beautiful shrub with larger foliage than preceding varieties, leaves oval; dark green on the upper side and silvery gray on the under side. Berries orange yellow. Each, 50c.

CALLISTEMON

Callistemon Speciosus. "Bottle Brush." A beautiful shrub, with large red bush-like flowers. Especially valuable for dry places. In pots, 1½ to 2 ft., each 50c.

CANTUA

Cantua Buxifolia. A small evergreen shrub with small grayish green foliage and pendulant branches. It blossoms in the Spring bearing large clusters of red tube-like flowers. Price: 50c each.

CEANOTHUS

Ceanothus. California wild lilac. The most desirable of our native shrubs, foliage bluish gray; flowers blue and produced in great profusion, practically covering the shrub during the Spring months. 1½ ft., 50c.

DIOSMA

Diosma Ericodes (Breath of Heaven). A dainty little shrub with light feathery foliage and a profusion of small white flowers. 1 ft., 50c.

DAPHNE

Daphne Odora. Dwarf winter blooming shrub very sweet scented flowers. 1½ ft., \$1.00.

Daphne Odora Variegata. Pretty Variegated leaves and sweet scented pink flowers; general favorite, \$1.00.

DERRINGA

Derringingia Amhersti Variegata. A pretty shrub with green and white variegated foliage. Very desirable. 25c to 50c each.

Duranta Plumieri. Dwarf growing evergreen shrub with pretty blue flowers; a free bloomer. 1½ ft., 50c.

ESCALLONIA

Escallonia Rosea. Beautiful free blooming shrub with clusters of tube like, rose pink flowers. 1½ to 2 ft., 50c; 4 to 5 ft., \$1.50.

Escallonia Alba. Similar to the above, but has white flowers. 50c each.

EUGENIA

Eugenia Australis. A handsome tree with small shining myrtle like foliage and white star shaped flowers; very desirable. 1 ft., 25c; 2 ft., 50c.

Eugenia Myrtifolia. "Australian Brush Cherry."

A pretty shrub or small tree. It has small, clean bright glossy-green foliage, the young growth often of a reddish color. It is of compact growth, suitable for shrubberies or hedges, or can be trimmed up as a small tree. In pots, 1 to 2 ft., each 50c.

EUONYMUS

Euonymus Golden Variegated. A very pretty dwarf shrub with beautiful golden yellow leaves; often trimmed into round balls. 1 ft., 50c; 2 ft., \$1.50

Euonymus Silver Variegated. Another pretty variety with leaves of a silver yellow color. 1½ ft., 50c.

EUCALYPTUS

Eucalyptus Ficifolia. Scarlet flowering; a medium sized tree with clusters of beautiful flowers ranging in color from pink and orange scarlet to crimson. 1 ft., 25c; 3 to 4 ft., 75c.



Eucalyptus Ficifolia

Eucalyptus Corynocalyx. "Sugar Gum." A fine ornamental variety that thrives well in dry locations; timber largely used in Australia for posts and railroad ties. 2 to 3 ft., 15c; 4 to 5 ft., 25c; per 100, \$1.50.

Eucalyptus Globulus (Blue Gum). The most extensively planted for fire wood and wind brakes. 2 ft., 10c; 3 to 4 ft., 15c; in boxes, per 100, \$1.50.

Eucalyptus Citriodora. "Lemon Scented Gum." A quick growing variety. Leaves when broken are highly perfumed. 2 ft., 15c; 3 to 4 ft., 25c.

Eucalyptus Robusta. "Swamp Mahogany." A large leaved variety with large white flowers. Grows well in low grounds. A very shapely tree when young; branches brittle as the tree gets old. 2 to 3 ft., 10c.

Eucalyptus Rostrata. "Red Gum." A tree largely used for wind brakes; hardier than the Blue Gum; of rapid growth. 2 to 3 ft., 15c; in boxes, \$1.50 per 100.

Amygdalina var. Angustifolia. A graceful spreading tree with drooping branches, very narrow willow-like leaves and a smooth silvery bark. Makes a beautiful lawn specimen 4 ft., 50c each.

ELAEAGNUS

Elaeagnus Reflexa Pungens (Bronze Oleaster). Spreading shrub, bronzy brown branches; leaves glossy green above and silvery beneath. 2 ft., \$1.50.

E. Reflexa Aurea Variegata. Similar to above, with golden variegated leaves. 2 to 3 ft., \$2.00 each.

FABIANA

Fabiana Imbricata. A very desirable shrub of erect growth with heath like foliage, the ends of the branches producing clusters of beautiful white tube like flowers. 1 ft., 25c; 2 to 3 ft., 50c.

FICUS ELASTICA

Ficus Elastica. "India Rubber Tree." A fine large growing tree with long glossy green leaves. Sensitive to frost in low ground. Used extensively as a house plant. 1½ ft., 75c; 4 to 5 ft., \$3.50.

Ficus Pandurata. A new variety with very large stiff leaves. Makes a fine decorative plant for the house. As for its success planted out, it is as yet in its experimental stage. 2 ft., \$2.50.

Ficus Macrophylla. "Morton Bay Fig." Another fine ornamental rubber tree. Leaves smaller than the Elastica; makes a large, handsome tree; many fine specimens are seen in Southern California. 1½ ft., 50c; 4 to 5 ft., \$2.50.

Ficus Australis. "Australian Banyan Tree." A smaller leaved variety. A fine large spreading tree; this also succeeds well in Southern California. 1½ ft., 50c; 4 to 5 ft., \$2.50.

Ficus Repens. See climbers.

FEIJOA

Feijoa Sellowiana. South America. A beautiful ornamental evergreen shrub, or small tree with oval shaped leaves with a glossy green shade above and silvery white underneath. The flowers have heavy waxy petals pure white underneath and shaded to a purplish crimson on the upper side; its fruit is about the size of a walnut, with a delicious flavor. Plants 1½ ft., 50c each.

GREVILLEA

Grevillea Robusta. "Australian Silk Tree." A tall growing tree with fern like leaves and orange colored flowers. 2 ft., 25c.

Grevillea Thelemanniana. Dwarf shrub with beautiful light green feathery foliage and crimson flowers. A constant bloomer. 1½ ft., 50c; 3 to 4 ft., \$1.50.

GARDENIA

Gardenia. "Cape Jasmine." *Gardenia Florida*. A pretty shrub with dark glossy green foliage and fragrant white flowers. 1 ft., 50c.

GUAVA

Guava (Strawberry). A useful shrub or small tree bearing a fine fruit with decided strawberry flavor; makes excellent jelly; very popular variety. 25c to 50c.

Guava (Lemon). Another variety with large leaves and large, oblong, yellow fruit; used for preserves. 25c to 50c.

GENESTA. BROOMS

Genesta Canariensis. Canary Islands. beautiful shrub or small tree of dense growth. Leaves downy on both sides. Flowers in numerous dense racemes bright yellow and fragrant. Plants from 4 inch pots, 25c; 3 ft. high, 50c to \$1.00.

Genesta Candicans. Canary Islands. Similar to above. Growth more erect. Flower small yellow. Fragrant and borne in great abundance. 50c to \$1.50.

Genesta Scoparius. Scotch Broom. A very handsome shrub with drooping branches, covered in spring with large pea-shaped yellow flowers, 3 ft., 50c each.

Genesta Scoparius Andreanus. Similar in growth and size of flower to preceding variety, except the flowers, in which the side petals instead of being clear yellow, are deep mahogany red. A very desirable variety 1½ ft. high, 75c.

Genesta Spartum Junceum. Spanish broom. A strong upright growing variety. Branches are cylindrical and almost devoid of leaves. Flowers are large, bright yellow and borne in great profusion. 1½ ft., 25c; 3 ft., 50c.

Genesta Albus. "Portugal Broom." A dwarf growing variety with long, slender branches. Covered in spring with small pure white flowers. 12 to 15 inches. 50c each.

HYPERICUM

Hypericum Moserianum. A pretty shrub with golden yellow, cup-shaped flowers and numerous yellow stamens and crimson anthers. A continuous bloomer. 1½ ft., 50c each.

Hypericum Henryi. A very pretty upright growing shrub attaining a height of 6 feet. Flowers perpetually, similar to *Hypericum Moserianum*. 50c.



Hypericum

Habrothamnus Elegans. See *Cestrum Elegans*.

HEATH

Erica Persoluta Alba. Erect growth. Leaves light green. Flowers pure white, produced freely in the Spring. 1½ ft., 75c.

Erica, Mediterranean. "Heath." A small shrub with tiny pink bell shaped flowers; suitable for shady locations. 1 ft., 50c.

Erica Hyalina. Pale rose flowers, one of the prettiest. 1½ ft., 75c.

Erica Wilmoriana. A fine variety with pink and white long tubular flowers. 1 ft., 75c.

HOLLY

Holly, European. A small tree with dark shining green thorny leaves and red berries in winter; not recommended for Southern California unless for cool, shady locations. 1½ ft., \$1.50.

Heteromeles Arbutifolia. "California Holly." or "Christmas Berry," 10 feet. A native California shrub, found plentifully in all our foothills. Very desirable on account of its handsome foliage and also for its bright colored berries. 1 to 2 ft., each 50c.

HIBISCUS

Hibiscus Rosa Sinensis. Double. A handsome free blooming shrub with glossy green leaves and bright scarlet flowers; very showy. 1 ft., 25c; 2 ft., 50c.

Hibiscus Grandiflora. Another profuse bloomer with scarlet crimson flowers. 1 ft., 25c; 2 ft., 50c.

Hibiscus Peachblow. The flowers are double, four or five inches in diameter, of a clear rich pink color, with small deep crimson center; extra fine. 1 ft., 25c; 2 ft., 50c; 3 to 4 ft., \$1.50.

HAKEA

Hakea Eucalyptoides. A beautiful winter flowering shrub; crimson flowers, with white, projecting stigmas. 50c each.

Hakea Pugioniformis. Another fine fast growing shrub with pine like foliage and white flowers. 1½ ft., 50c.

HYMENOSPORUM

Hymenosporum Flavum. A fine ornamental tree with splendid foliage and fragrant yellow flowers. 3 to 4 ft., 75c.

IOCHROMA

Iochroma Lanceolata. A beautiful quick growing shrub, soft foliage, with clusters of tubular Indigo blue flowers. Produced in great profusion. 1½ ft., 50c.

JACARANDA

Jacaranda Mimosaefolia. A beautiful tree

with graceful fern like foliage and large clusters of beautiful lavender colored flowers; being a quick grower it requires heavy pruning. 1½ ft., 25c; 3 to 4 ft., 50c.

JUNIPER

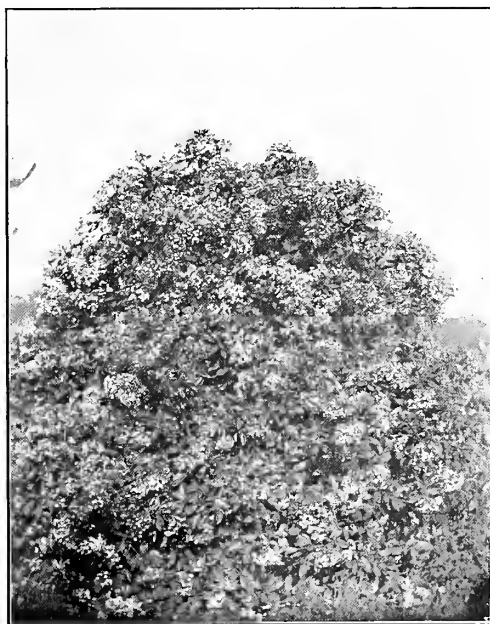
Juniper Hiberica. "Irish Juniper." Beautiful small growing tree of erect, dense, conical shape. 1½ ft., 75c.

J. Sabina var. Prostrata. "Dwarf Trailing Juniper." A dwarf trailing variety, with handsome glaucous foliage. Very valuable for rock gardens, etc. 75c each.

Juniper Japonica. "Japan Juniper." A dwarf compact grower, with beautiful variegated foliage. 2 ft., \$1.50.

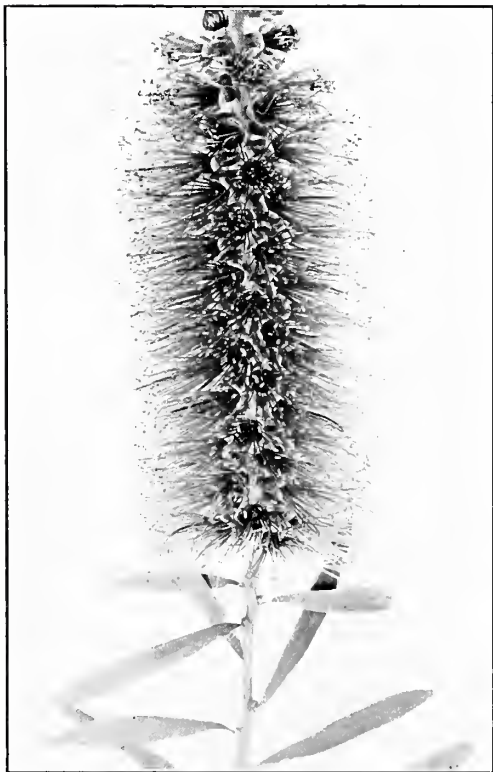
LIBROCEDRUS

Librocedrus Decurrens. California aborvitae. A splendid rapid growing conifer, with erect, short branches and bright green foliage; makes a very desirable lawn specimen. 1½ ft., \$1.00; 4 to 5 ft., \$2.50.



Laurustinus

Metrosideros Robusta. "Bottle Brush." A beautiful shrub, with large red, brush-like flowers. Especially valuable for dry places. In pots, 1½ to 2 ft., each, 50c.



Metrosideros—Bottle Brush

BAY TREE

Laurel Nobilis (Bay Tree). A fine ornamental tree, trimmed specimens in tubs, standard or pyramid form. Used in formal gardens and for porch decoration. \$15.00 to \$50.00 per pair.

Laurustinus. A pretty winter flowering shrub producing abundance of white flowers. A fine shrub for either small or large grounds; largely used for ornamental hedges. 1½ ft.. 50c; 2 to 3 ft., \$1.50. See hedge plants for prices per 100.

LIGUSTRUM

Ligustrum, Japonica. Japan Privet. A large growing shrub or small tree, with clusters of white flowers; makes an excellent hedge; stands trimming well. 2 ft., 50c.

L. Nepaliensis. Neapolitan. As a shrub, this variety is very graceful; foliage lighter and smaller than the preceding; a most compact hedge plant. 2 ft. bushes, 50c each; in flats, 100 plants, \$3.00.

Ligustrum Ovalifolium (called "California Privet"). Extensively used for hedges. 2 to 3 ft., 50c.

Ligustrum Ciliatum. A compact growing shrub with variegated foliage and large clusters of fragrant white flowers. 1 ft., 25c.



Bay Tree

LAGUNARIA

Lagunaria Patersoni. A fine tree with rose colored Hibiscus like flowers. A useful tree for planting in exposed positions near the ocean. 1½ ft., 25c.

LANTANA

Lantana. Free flowering shrub; will thrive anywhere; flowers, yellow and red, pink, cream and white; several shades of yellow. 1½ ft., 25c; 2 to 3 ft., 50c each.

LEPTOSPERMUM

Leptospermum Laevigatum. A pretty shrub with arching branches. Flowers white, in the greatest profusion; a very desirable quick growing shrub. Good for dry locations. 2 to 3 ft., 50c each.



Leptospermum

MAGNOLIAS

Magnolia Grandiflora. A handsome tree with glossy leaves and immense cup shaped white flowers; very fragrant. 1½ ft., 50c; 4 ft., \$1.50.

Magnolia Grandiflora Exonienses, (grafted plants). Large glossy dark green leaves, underside a velvety brown color. An early bloomer. 2 ft., 75c.

MELALEUCA

Hypericifolia. Another excellent ornamental flowering shrub of the so-called bottle brush family. Flowers brilliant scarlet, foliage light green in color. When in bloom one of the most effective of all shrubs. 2 ft. high, 50c; 3 to 4 ft., \$1.00 each.

Melaleucia Alba. Australia. A quick growing shrub with fine feathery like foliage, and pretty white flowers. A very desirable shrub for grouping or as a single specimen. 1½ ft. to 2 ft., 50c; large plants, \$1.50 to \$2.00.

Melaleucia Ericifolia. A variety with very slender leaves, of a spreading habit of growth. Flowers white. 2 ft., 50c.

MYRTLE

Myrtus Communis (English Myrtle). A pretty small leaved shrub with white star like flowers. 2 ft., 75c. See hedge plants.

M. Communis Microphylla. Similar to above, with smaller foliage. 1½ to 2 ft., 75c each.

NANDINA

Nandina Domestica. A pretty dwarf growing shrub with cane like stems and glossy green foliage which changes into lovely autumn tints. Flowers white, followed by red berries. 1½ ft., 75c.

OLEA FRAGRANS

Olea Fragrans. A small growing shrub with very sweet scented, tiny orange colored flowers; very desirable. 2 to 3 ft., \$1.50 to \$2.00.

Olea Fragrans Alba. Similar to the preceding, but having white flowers. 1½ ft., \$1.00.

OAK TREE

Quercus Agrifolia. "Live Oak." A native tree, probably familiar to everyone in California. Of large spreading habit, with dense, dark green foliage. If given the attention commonly bestowed upon many flowering trees, this extremely handsome shade tree will quickly respond and become a rapid grower. 2 to 3 ft., 75c; 5 to 6 ft., \$2.00.

OLEANDER

Oleander (Nerium Oleander). A fine evergreen shrub of easy cultivation; producing flowers in great profusion; three varieties—pink, white and yellow. 1½ ft., 25c; 3 ft., 50c.

PLUMBAGO

Plumbago Capensis. Can be trained as a bush or climber; flowers light sky blue, verbenashaped; produced throughout the entire Summer; stands drought and water and the brightest sunshine. 1½ ft., 25c; 4 to 5 ft., 50c each.

PHOTINIA

Photinia Serrulata. A beautiful shrub or small tree with glossy green leaves which assume lovely autumn tints in the Fall; a good winter bloomer; flowers white, in large panicles. 1½ ft., \$1.00.

PITTOSPORUM

Pittosporum Eugenioides. A handsome shrub or small tree with light green, crimped foliage; suitable for single specimens in the lawn, also used for hedges. 1 ft., 25c; 3 ft., 50c.

Pittosporum Nicricans. Foliage light green with black stem; a very desirable shrub or small tree; good for hedges. 2 to 3 ft., 75c.

Pittosporum Undulatum. A favorite variety with dark green, laurel like leaves and creamy white flowers; very fragrant. 2 to 3 ft., 50c; 3 to 4 ft., \$1.50.

Pittosporum Tobira. Another fine variety with dark green, rounded leaves and fragrant white flowers. 2 ft., 50c; 3 to 4 ft., \$1.50.

Pittosporum Tobira Variegata. Habit of growth same as preceding. Leaves are variegated, green and white. 1½ ft., 50c; 3 ft., \$1.50.

Privet. See Ligustrum.

PARKINSONIA

Parkinsonia Aculeata. An interesting small tree with feathery drooping branches. Flowers yellows, fragrant and borne freely in racemes. Very suitable for dry locations. 1½ ft., 50c.

PINES

Pine, Monterey. A handsome tree either as a single specimen or planted in groups; more extensively planted than any other variety. 3 to 4 ft., 50c; 5 to 6 ft., 75c.

P. Halepensis. "Aleppo Pine." Western Asia. 60 feet. A tree of rapid growth and spreading habit, with light yellowish green foliage. It thrives well in California and is a valuable ornamental tree. 2 ft., 50c.

Pine, Canariensis. A pretty, fast growing pine with beautiful glaucous green foliage. 2 ft., 50c; 3 to 5 ft., \$1.50.

PEPPER TREE

Pepper Tree (Schinus Molle). One of the best known shade trees in California; its long, drooping branches and bunches of red berries makes it a popular tree. 2 ft., 25c; 4 to 5 ft., 50c.

RAPHIOLEPIS

Raphiolepis Japonica. (R. Ovata). A dwarf compact growing shrub. Foliage dark green oval or rounded. Flowers white and fragrant in early spring, followed by dark blue berries. A very desirable shrub. Nice plants, 75c to \$1.50.

STREPTOSOLEN

Streptosolen Jamesonii. Splendid showy shrubby plant, delighting in full sunshine; an almost perpetual bloomer; flowers in large terminal panicles; color orange and red, pleasingly blended. 25c to \$1.00 each.

SPARMANNIA

Sparmannia Africana (Africa). A beautiful, quick growing, absorbant shrub, with light green foliage and pretty white and yellow flowers. A good winter bloomer. 2 ft., 50c; 4 to 5 ft., \$1.50.

YEW

English. A densely branched, spreading tree; foliage dark and somber; a good sort for

clipping into artificial forms. Balled, 3 to 3½ ft., \$1.50 each.

English Golden. A golden variegated kind of the preceding. This tree "colors up" beautifully during the summer months. Balled, 2 to 2½ ft., \$1.50 each; 3 to 3½ ft., \$2.00 each.

Irish. A nice growing variety with deep, dark green foliage, erect, closely compressed, forming an oval shaped head; a very distinct and beautiful variety. Balled, 4 feet, \$4.00 each.

Deciduous Trees and Shrubs

ALTHEA

Althea. "Hibiscus." Free flowering shrub producing a profusion of large, beautiful flowers of the richest colors; blooms in August and September. Strong plants, 50c to \$1.00.

Birch, Cut-leaved Weeping. A charming tree with deeply lacinated foliage. Its tall, slender, yet vigorous growth, graceful drooping branches, silvery-white bark, and delicately cut foliage, presents a combination of attractive characteristics, rarely met with in one tree. 4 to 5 ft., 75c each.

ALMOND

(*Prunus Sinensis*.)

Dwarf Double Rose Flowering. A small shrub producing in May, before the leaves appear, small, double, rose-like flowers, closely set on the branches. 2 to 3 ft., 60c each.

Dwarf Double White (A Japonica fl. alba. pl.). Produces beautiful white flowers in May. 2 to 3 ft., 60c each.

BIRD OF PARADISE

Bird of Paradise. "Poinciana Gilliesii." Shrub or small tree with acacia like foliage; flowers yellow and crimson; blooms all summer. Price: 25c to 50c each.

Crab Apple, Betchell's Double Flowering. One of the most beautiful of the many fine varieties of flowering Crabs. Tree of medium size, covered in early Spring with large, beautiful double fragrant flowers of a delicate Salmon pink color. From a distance the flowers have the appearance of small roses.

CRAPE MIRTLE

Lagerstroemia Indica. Pink Crape Mirtle. A splendid summer blooming shrub or small tree; beautifully crimped pink flowers, produced in large panicles. Plants 2 to 3 ft., 50c; 3 to 4 ft., 75c each.

White Crape Mirtle. Flowers white; not so free a bloomer as the preceding variety. Strong plants, 75c each.

DEUTZIA

Deutzia Crenata. Very showy spring flowering shrub with long sprays of lovely white and pink double flowers, produced in great profusion. 25c to 50c each.

HYDRANGEA

Hydrangea Paniculata Grandiflora. A fine autumn flowering shrub with immense panicles of pure white flowers, turning to a delicate pink. Price 25c and 50c each.

Hydrangea Hortensis. Splendid shrub. The flower heads are large and showy and of a pretty pink tint, which may be turned to blue by the use of iron filings in the soil. Price, 15c, 25c and 50c each.

Thomas Hogg. A fine variety with immense flower heads of snow white flowers from July to September. 25c to 50c each.

KERRIA

Kerria Japonica Flora Plena. Stems and branches bright green, flowers numerous; double; yellow; a handsome dwarf shrub. Each 50c.

LABURNUM

Laburnum or Golden Chain. A beautiful small growing tree, with long drooping racemes of fragrant yellow flowers. 4 to 5 feet, 50c; 6 to 8 ft., 75c each.

LEMON VERBENA

Lemon Verbena. "Lippia Citroidora." A very popular shrub with sweet scented leaves and tiny white flowers. 25c to 50c each.

LILACS

Lilac "Syringia." Purple Lilac. The well known Spring flowering shrubs; old favorites. Strong plants, 25c to 75c each.

White Lilac. Similar to above, except that the flowers are white. Strong plants, 25c to 75c.

GINKGO TREE

Maidenhair Tree. "Ginkgo Biloba." A tree of medium size with beautiful light green, fern like foliage; in shape it resembles a "Maidenhair Fern."

PEACH

Double Red Flowered (P. *Vulgaris Sanguinea Plena*). Flowers semi-double, bright red, superb. 4 to 5 ft., 75c.

Double Red Fringed (P. *Vulgaris Rosea Plena*). Flowers double; fringed and rose-colored.

Double White (P. *Vulgaris Alba Plena*). Flowers large; double, pure white. 4 to 6 ft., 75c each.

MOCK ORANGE

Mock Orange. "Philadelphus Coronarius." A well known shrub with pure white fragrant flowers, produced in great profusion in the Spring. 2 to 3 ft., each, 50c.

POMEGRANATE

Red Flowering Pomegranate. "Punica Granatum." A shrub with fine foliage and double scarlet flowers. 3 ft., 50c.

PURPLE LEAVED PLUM

Prunus Pissardia (Purple Leaved Plum). A beautiful tree with single white flowers in the Spring. Leaves are a lovely purple bronze color, making a pleasing contrast with other trees. Price, 50c to \$1.50 each.

SPIRAEA

Bridal Wreath. "Spiraea Prunifolia Flore-pleno." Has a double white flower along the entire length of the small twigs, making a beautiful wreath like appearance. A very desirable Spring flowering shrub. 25c to 50c each.

Revesiana. Single Bridal Wreath. Covered in Spring with clusters of white flowers borne on long graceful drooping branches. Each, 3 ft. high, 50c.

Anthony Waterer. Crimson Flowering Spiraea. A variety of dwarf habit, covered all summer with large heads of rosy, crimson flowers. 25c to 50c each.

Spiraea Van Houtte. A quick growing variety and a beautiful ornament for the lawn. When in flower its drooping branches, covered with masses of pure white bloom, resemble a fountain of white bloom, the foliage hardly showing. Strong plants, 25c to 50c each.

SNOWBALL

Viburnum Opulus Sterile. "Common Snowball." The best known sort with large heads of flowers. Leaves somewhat maple-shaped, turning vivid red in fall. 3 ft., 50c.

Tamarix Gallica. Foliage exceedingly fine and feathery in appearance; branches long and slender; small pink flowers. 25c to 50c each.

TEXAS UMBRELLA TREE

Texas Umbrella Tree. A splendid shade tree of dense growth, with large spreading umbrella-shaped head. Flowers, lilac color. 25c, 50c, \$1.50 each.

WEIGELIA

Weigelia Rosa. A beautiful shrub of erect growth, producing fine tube-shaped flowers of a lovely rose pink color in May and June. Strong plants, 2 to 3 ft. high, 50c each.

Rosa Variegated. Leaves beautifully margined with creamy white. Flowers pink. 50c each.

Palms, Cycads and Dracaenas

Ereca Lutescens. A beautiful palm with arching pinnate leaves. Tender outside unless in a very sheltered location. Useful for house decoration. \$1.00 to \$10.00 each.

Chamaerops Excelsa. Japan Fan Palm. Stem fibre covered. Makes a beautiful specimen for lawns. Largely used in California for street planting. 1½ ft., 50c; balled from ground, 2 ft. to 3 ft., \$1.50.

Chamaerops Humilis. Dwarf Fan Palm. Suitable for small lawns and vases. 1½ ft. high, 75c.; 2 to 3 ft., \$1.50 each.

Cocos Australis. Brazil. A palm of rare beauty and very ornamental; long arching leaves of a bluish green color; highly recommended as a lawn palm. 1½ ft. high, \$1.50; 3 ft., \$2.50.



Cocos Australis



Cocos Plumosa

Cocos Plumosa. Brazil. Another beautiful palm for the lawn; trunk slender and smooth, with a feathery crown of leaves. Very effective for avenue planting. Price, 3 ft., \$2.50; 5 to 6 ft., \$5.00; 6 to 7 ft., \$6.00.

Cocos Flexvosa. Brazil. Another beautiful palm similar in appearance to *Cocos Plumosa*. Price, 5 to 6 ft., \$5.00; 6 to 7 ft., \$6.00.

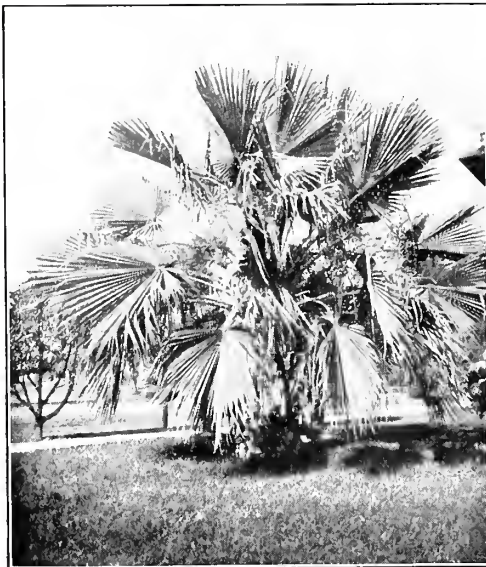
Cycas Revoluta. Commonly known as the Sago Palm. A dwarf palm of great beauty for lawn or house decoration. 75c to \$15.00 each.

Cycas Circinalis. Very showy palm with longer fronds than the preceding, and of taller growth. \$1.50 to \$5.00 each.

Cocos Weddelliana. Brazil. The most dainty and graceful of all dwarf palms. Requires a warm sheltered location outside. A favorite palm for house decoration. 75c to \$2.00 each.

California Fan Palm. Washington Filiferia. Too well known to need description. Not so much in demand as formerly. 50c to \$5.00 each.

Washingtonia Robusta. Lower California and Sonora. Much superior to the preceding. Leaves dark, shining green, keeping their green color throughout the winter. Being largely planted as a street palm. From 4 inch pots, 25c; 1½ ft. high, 50c; 2 to 3 ft., \$1.00; larger sizes, prices in proportion.



Erythea Edulis

Corypha Australis. The new South Wales Cabbage Palm. Makes a handsome lawn specimen in sheltered locations. Useful for house decoration. From 4 inch pots, 50c; 1½ ft. high, \$1.00.

Erythea Edulis. Gaudalupe Palm. See cut. One of our finest fan palms. Makes a beautiful specimen for lawns. 1½ ft. high, \$1.50; 3 ft., \$2.50.

Erythea Armata. Lower California Blue Palm. A slow growing fan palm of a pretty Glaucons blue color. \$1.50 to \$5.00 each.



Kentia Palm

Kentia Fosteriana. The most beautiful and most useful of all palms for house decoration. Requires a warm sheltered location outside. 1½ ft., \$1.00; 2 ft., \$1.50; 3 to 4 ft., \$3.00; larger sizes in proportion.

Kentia Balmoriana. Similar to the preceding. More pendent in habit. Prices the same.

Phoenix Dactylifera. North Africa. The date of commerce. Fronds a light gray color. The beauty of this palm is best seen when it attains a mature age. 25c to \$5.00 each.

Phoenix Canariensis. Canary Islands. The most popular of all the date palms, of quick growth, soon giving a tropical appearance to the garden. A handsome palm either for the lawn or porch decoration. In sizes from 25c to \$25.00, 1 ft. to 10 ft. high.

Phoenix Reclinata. South Africa. Trunk slender with graceful arching fronds. 2 ft., \$1.50; 5 ft., \$3.00.

Phoenix Roebeleni. Another pretty dwarf variety of great merits as a house palm. 4 inch pots, 50c.

Dracaena Draco. (Dragon Tree). A rare variety with heavy white trunk and fine tropical appearance. \$1.00 to \$5.00 each.

Raphis Humilis. Chinese Umbrella Palm. A beautiful dwarf cane-like palm. Useful for indoor decoration. \$1.50 to \$15.00.

Raphis Flabelliformis. Similar to the preceding of a coarser growth, but equally as useful. \$1.50 to \$10.00.

Dracaena, Australis. A palm-like tree with long, flag-like leaves. Largely planted for their tropical effect. 2 ft., 50c; 3 to 4 ft., \$1.50.

Dracaema Indivisa. Similar to the preceding but with narrower leaves. Useful for vases. 50c to \$10.00.

Seaforthia Elegans. A beautiful palm, with smooth trunk and arching fronds. Suitable for house decoration and does well in sheltered locations outside. \$1.00 to \$25.00 each.

The Rose

The Rose (the Queen of Flowers) is the most popular of all flowering plants and certainly deserves its great popularity.

HOW TO PLANT. The ground should be thoroughly spaded, and, unless very rich, should have some well rotted manure worked in. Ground bone is also an excellent fertilizer for the rose. Never use fresh manure around the roots. Roses grow best in a heavy soil. If your soil is light and sandy, large holes should be made and filled in with heavy soil to insure the best results. In planting see that the roots are carefully spread out before filling in the hole, and give a good watering to settle the soil around the roots.

PRUNING. In California great difference of opinion exists as to the right time to prune the Rose. This is not to be wondered at, considering the different climatic conditions. The Northern portion of the state being colder in the fall and winter months, bring the bushes to a dormant condition which is naturally the proper time to prune in that location. In the Southern portion of the state with warmer conditions, the bushes are grow-

ing and blooming more or less all the year, and does not get a natural period of rest. The writer's experience has been to rest the bushes in September, by withholding the supply of water, and pruning in October, at the same time giving a liberal supply of rotted cow manure or ground bone, the new growth will then give a supply of flowers the following three months and again in the Spring. With so many different types of Roses as there are growing in California, in different soils and locations, no set rule can be given as to how they should be pruned. The principal rule in pruning is to cut out all superfluous, weak and decayed wood from the center of the bush to admit a free circulation of air. Cutting back all strong growing shoots from one-third to two-thirds of the past seasons' growth, leaving the bush, when pruned, of a uniform shape.

We have selected the following varieties from long lists usually offered the public, and in this list will be found many old and well known varieties that have been favorites for years. The list also includes many new and choice varieties of late introduction.

New and Rare Roses

British Queen. Described as the finest pure white rose in commerce, surpassing in purity and elegance of form Frau K. Druschki. It is a free and abundant bloomer, with strong healthy foliage and should find a place in every garden. This rose, which is sweetly fragrant, has been awarded the Gold Medal of the National Rose Society, England. Price, each, 75c.

Duchess of Westminster. Clear rose madder, large, full, and perfectly formed flowers with high pointed center; sweetly perfumed; an exhibition rose. Price, each, \$1.00.

Edward Mawley (McGredy, 1912). Raiser's description: "By its marvelous outstanding qualities, is now generally regarded by rosarians as the greatest advance and most wonderful Rose yet raised. We have no hesitation in stating that it is the finest of all dark crimson Roses, a true perpetual flowering hybrid Tea, and the most beautiful variety the rose world has yet seen." Price, 75c.

Herzogin Marie Antoinette. (Jacobs, 1911). Very long buds of pure orange or old gold; very large flowers of perfect form. Soupert & Notting of the Grand Duchy of Luxembourg, says: "This is the finest yellow of all yellow roses." Gold medal, M. Gladbach; certificates of merit of the German Nurserymen's Society; also prizes of honor at Leipsic Sangerhausen and Zweibrücken. Price each, 50c.

Irish Fire Flame. (Alex. Dickson, 1914). The beautiful new Irish rose. Color, old gold or copper yellow, flamed with ruddy crimson; a good grower and a great acquisition to the rose garden. Price, each, \$1.00.

Lady Hillingdon (T.). A grand rose for either pot work or garden decoration. Blooms continuously, buds very long with a most pleasing shade of orange yellow. Particularly fine in the bud state. Price, 50c.

Lieutenant Chaure (Pernet Ducher, 1911). Bud long and pointed; color velvety crimson, opening to large flowers of crimson red, shaded

garnet; flowers of great depth and nicely cupped form; flowers very freely produced and deliciously fragrant. In every way a grand rose. Price, each, 75c.

Marquis de Sinety (H. T.). This rose inspires enthusiasm as soon as it is seen. It is clear yellow, fading to pale rose at edge of petals, large, full, and cup shaped; very fragrant. Price, each, 75c.

Jonkheer J. L. Mock. (Leenders, 1910). This grand rose is the strongest growing in the Hybrid Tea class. The blooms, which are produced with the greatest freedom, are carried on stiff and erect stems, and are of the largest size, of perfect formation and highly perfumed. Color clear imperial pink; a glorious flower. Price, each, 50c.

Melody (A. Dickson, 1911). A most charming and decidedly beautiful rose which attracted the attention of all visitors to our rose gardens during the past summer because of its marvelous free blooming qualities. The blooms are of good size; the color is an intense, pure, deep saffron-yellow, with primrose edges, a delightful color harmony. A rose of the highest merits. Price, each, 75c.

Madame Charles Lutaud (Pernet Ducher, 1913). Chrome yellow flowers, slightly tinted with rosy scarlet on the outer petals; a vigorous erect growing rose; flowers carried on long, stiff stems, places it in the front rank among the new roses. Price, each, \$1.00.

Sunburst (H. T., Pernet Ducher, 1911). May be described as a glorified Mrs. Aaron Ward. Few roses have so many favorable points all combined in one plant. Its bronzy foliage; absence of thorns; its long pointed orange yellow buds becoming deeper towards the center. Price, each, 50c.

Mrs. Aaron Ward. Deep rich Indian yellow, occasionally tinted with salmon. A splendid novelty in every sense of the word. It is a constant bloomer, with buds and open bloom of the most refined form and finish. Hybrid Tea. Price, each, 60c.

General Collection of Roses

Price of Roses. From January to April, dormant stocks, 25c each; \$2.50 per dozen. Larger size, 30c each; \$3.00 per dozen. Established roses, from boxes or balled from the field, 35c and 50c each; \$3.50 and \$5.00 per dozen.

Baby Rambler. The new everblooming dwarf crimson Rambler. In bloom all the time. Makes pretty, low hedges and is also used for massing in beds.

Augustine Guinoiseau (White La France) Identical with Red La France except in color, which is a delicate shade of shell pink. A very pretty rose.

Clara Watson. Pearly white center tinted with pale rosy-peach; a free and continuous bloomer of good habit.

Bride. Pure white, sometimes delicately tinged with pink on the other edge of petals; beautiful long buds; one of the best white roses.



Frau Karl Druschki

Black Prince. (Hybrid Perpetual). Color—a very dark velvety crimson. A strong grower and a general favorite. A good Spring and Fall bloomer.

Duchess of Albany. (Red La France). Rich dark pink; very large and double, and of the richest fragrance.

Catherine Mermit. A strong grower and profuse bloomer; long stems with well developed flowers of pink color, center shaded with amber and fawn.

Bridesmaid. A beautiful free blooming rose. Rich, clear, pink; buds long and pointed—a popular variety.

American Beauty. Color—a rich rosy crimson, with a most delicious fragrance. A popular rose in the Eastern states where it is extensively grown to perfection under glass. Our experience with the American Beauty and also the Meteor rose in the open ground, has been disappointing. However, other locations may be better suited for their requirements.

Clara Watson. A large, beautiful rose; color salmon pink, blended with blush pink at the outer edge of petals and shading to yellow at center; a strong grower and profuse bloomer.

perfect in form. A strong upright grower with fine heavy foliage. One of the finest white roses in cultivation.

Etoile de France (New). French Hybrid Tea. Large, fine buds, borne singly on long stiff stems. Large, full flowers, cup shaped; dark crimson velvet in color; center vivid cerise. A vigorous grower.

Johannes Wesselhoft (Welter, 1899.)—The color is a clear, lustrous yellow, varying somewhat in richness and depth, according to the season of the year; similar in growth to Kaiserin Augusta Victoria; upright and symmetrical, throwing long flower shoots amply



General McArthur

Bougere. A strong, vigorous grower, foliage good. Heavy petals, large pointed buds—a good winter bloomer. Color—light pink. An old standard variety.

Duchess de Brabant. Soft light pink. One of the most popular pink roses in cultivation.

Gloire de Rosamanes (Ragged Robbin). Brilliant crimson. Semi-double; constant bloomer; extensively used with the single White Cherokee in making rose hedges.

Frau Karl Druschki. (H. P. New). Pure snow white; beautiful in bud. Flowers extra large,

able to support the flowers without drooping; a most persistent bloomer.

Killarney. Color—a soft shade of pink, handsome in bud and when fully expanded, a vigorous upright grower and a profuse bloomer.

General McArthur. Color—brilliant scarlet; a beautiful rose either in bud or fully expanded. A strong, healthy grower. One of the best Red Roses ever offered.

Comtesse Rizu du Parc. Rich carmine rose, shading to coppery red. A strong vigorous grower and a profuse bloomer.

Gruss au Teplitz. One of the brightest colored roses grown. When first opened it is a rich dark crimson, quickly changes to bright scarlet, then shades to a velvety red. A profuse bloomer.

Marie Van Houte. A beautiful rose. Flowers are very large and full. Color—a pale creamy yellow, edge of petals shaded with pink. A general favorite.

Lady Battersca. This variety has long pointed buds of the largest size and very striking in form; the color is bright cherry crimson. A very free bloomer.

Lady Roberts. A charming, new rose of very vigorous growth; fine in bud, flower large, full, and of exquisite form. Color—reddish apricot, shaded coppery red.

La Marque. See Climbing Roses.



Madam Caroline Testout

La France. Beautiful silvery rose, shading to pink; very large and double; of the richest fragrance; a rose that should be in every garden.

Madam Caroline Testout. A beautiful bright satiny pink. Flowers, cup shaped and very fragrant. A robust grower, with fine, clean foliage.

Madam Cecil Brunner. One of the best of the Polyantha or baby roses. Flowers freely produced in bunches of a beautiful salmon rose color.

Marquis de Querhoent. A new and distinct variety. A strong grower and a free bloomer producing flowers of the loveliest shades of pink, orange and bronze.

President Carnot. Color—a delicate shell pink shading to white. A free blooming, fragrant, superb rose.

White Killarney. A sport from Killarney. Grand in every way. The white forcing Rose of the century. Superior to its parent in every particular. Words cannot describe its imposing grandeur. This is the greatest forcing Rose of any color or class. Bunches of it during the winter give the appearance of a bank of snow. It is pure white in color, long in bud, of fine form; in fact, it is the one Rose par excellence. Planted in the garden, it comes with a delicate pink tinge that, if anything, adds to its beauty.



Kaiserin Augusta Victoria

Perle Von Godensburg. A sport from the well known Kaiserine, having all the good points of its parents. Center of flower deep yellow, shading to cream on the outer edge of the petals.

Perle de Or (Polyantha or baby rose). Nankeen yellow, buds deep apricot. In clusters, a pretty blooming variety.

Kaiserin Augusta Victoria. A beautiful rose with elegant large, pointed buds and very large, full, double flowers. Color—delicate creamy white; deliciously fragrant.

Paul Neyron. Color—rich dark rose. Flowers of enormous size, borne on long stiff stems, usually one flower to each stem. Very fragrant.

Magna Charta. Color—a beautiful bright pink, suffused with carmine; a strong upright grower with bright, healthy foliage. A general favorite.

Prince Camille de Rohan. Deep velvety crimson, large and full; one of the best dark roses.

Madam Abel Chatney. Color—a beautiful rosy carmine, shaded salmon. A strong grower and very free bloomer; elegant buds.

Madam Cochet. Clear, rich pink with fine foliage and large flowers on long straight stems. One of the best pink tea roses in cultivation. A strong vigorous grower and a profuse bloomer.

Ulrich Brunner. (The American Beauty of California). One of the grandest hardy roses. Color—rich cherry crimson. Flower of fine form, produced on long straight stems, with fine heavy foliage. A robust grower and free bloomer; always in demand.



White Madam Cochet

Madam Lombard. Color—a beautiful shade of rose bronze, changing to salmon and fawn, shaded with carmine. A free bloomer.

Reve d'or. See climbing Roses.

Safrano. Bright apricot yellow, changing to bronze and fawn. Beautiful in bud.

Madam Cochet. (White). A magnificent white rose, beautifully shaded with pink on outer edge of petals, perfect in bud and when fully expanded. A strong grower, with fine healthy foliage. A rose that always gives satisfaction.

Perle des Jardins. Probably better known than any other yellow rose; beautiful in bud and when fully expanded; color, clear golden yellow.

Richmond. (New). A free flowering, fragrant red rose, which promises to fill a long felt want for a good free blooming dark red Hybrid Tea Rose. Beautiful in bud and in full bloom.

Viscountis Falkstone. Color—creamy pink. Flowers large; heavy petals; fine in bud. A strong grower and a constant bloomer.

Papa Gontier. Color—rich cherry red. A strong healthy grower and one of the best winter bloomers; buds long and pointed. A favorite rose.

Winnie Davis. Color—apricot pink, shading to a flesh tint at the base of the petals; bud long and pointed; a robust grower and a free bloomer.

Wm. Allen Richardson. See climbing roses.

CLIMBING ROSES

Dormant Plants December to March, 2 to 3 ft. high, 35c each; growing plants in boxes, 3 to 6 ft. high, 50c to \$1.50 each.

Alberic Barbier. Creamy white with canary-yellow center; buds of orange-yellow. The flowers are semi-double in immense clusters. A very fine early flowering variety with beautiful shining foliage.

Climbing Cecil Brunner. A climbing sort of the ever popular "Baby Rose." In its bush form, Madame Cecil Brunner is a great favorite; color, a bright pink shaded to salmon in the center; strong vigorous climber, with good foliage.



Cecil Brunner

Climbing Cherokee. Single white flower, with shiny light green foliage, a profuse Spring bloomer, extensively used for covering fences. Strong plants, 20c; per dozen, \$2.00.

Climbing Bridesmaid. Clear dark pink; fine in bud and when fully expanded; a good grower and free bloomer.

Duchess de Auerstadt. Large double golden yellow. A strong, free grower. A rose similar to Marchal Neil, but a better grower.

Gainsbury. A strong vigorous grower, large buds and blooms of fine form; color, a flesh pink; a free bloomer.

Hermosa. Color, delicate rose; a strong grower and abundant bloomer.

Kaiserin. (Mrs. Robt. Peary). Without doubt the best white climbing rose; flowers large, full, deep and double. A vigorous grower and profuse bloomer.

James Sprunt. Color, bright crimson; flowers cup shaped; a strong grower and free bloomer.

La Marque. Pure white, with beautiful buds, full flowers, very double and sweet; a universal favorite.

Madam Alfred Carriere. Color, creamy white, delicately shaded pink toward the center; a strong vigorous climber and continuous bloomer.

Marechal Neil. Color, a deep golden yellow; bud and flower of this rose are superb, large double and tea scented. Foliage subject to mildew; requires partially shaded location.

Climbing Belle Siebrecht (H. T.). A most lovely thing in a climber; color, solid cerise pink, beautiful in bud and flower; bloom of good size and reasonably full; fragrant; strong climbing habit.

Climbing White Cochet. The best climbing white rose of recent introduction; vigorous grower; flowers pure white; buds long and pointed. 75c each.

Papa Gontier. A strong grower with foliage and flowers identical to the well known bush variety of that name.

Reine Marie Henriette. Bright rosy cerise, sometimes crimson. Handsome buds and flowers. A free bloomer and very fragrant. Foliage subject to mildew.

Wooton. A strong grower, blooms in great profusion; color, bright magenta, passing to violet crimson.

Reve d'or. Deep coppery yellow; fine in bud and when fully expanded; fine healthy foliage. A strong grower and a free bloomer; an excellent climber.

Gold of Ophir (Beauty of Glazenwood). This lovely spring flowering rose, with its beautiful shadings, varying from Nasturtion to coppery red, is a general favorite.

Dorothy Perkins. Color, shell pink. Flowers borne in large clusters of small double blooms; very fragrant and a strong climber.

White Dorothy The pure white sport from Dorothy Perkins; a beautiful hardy, white climber.

Climbing Banksia. White; a strong growing spring flowering rose; flowers small, borne in clusters; very showy climber.

Climbing Banksia. Yellow; similar to the preceding except in color.

Wm. Allen Richardson. A very pretty rose during the winter and spring months; color a coppery yellow; in warmer weather, usually a creamy white.

Tausendschoen or Thousand Beauties(Schwartz, 1906). A climbing rose that comes to us from Germany. The flowers upon first opening are the most delicate shade of pink ever seen in a rose; might be described as a white delicately flushed pink changing to a rosy carmine. It gets its name from its many flowers and the variation in coloring; beautiful; will become famous as Crimson Rambler.

Shower of Gold. Flowers orange yellow with beautiful foliage; very strong grower; extra fine.

New Pink Cherokee (Rosa Laevigata, Var. Anemone). The form of growth of this lovely pink Cherokee is as vigorous as the white Cherokee. It blooms profusely in Spring and again in fall. Its pleasing color and fine foliage will make it in great demand as soon as its distribution becomes more general. Nice plants, from 3 to 4 inch pots, 15c each; \$1.50 per dozen; larger size, 25c each; \$2.50 per dozen.



Flowering Plants

COLUMBINE

Columbine. A magnificent strain of hybrid Columbines producing an abundance of very large flowers, with long spurs and borne on tall, graceful stems. The colors range in all shades of blue, lavender, mauve, yellow, orange, scarlet, rose-pink and white. 10c each, per dozen, \$1.00.

ANEMONE JAPONICA

Japanica Alba. A strong grower with beautiful white flowers and yellow centers. Price, 20c each; \$2.00 per dozen.

Japanica Rosea. Another fine variety with rose pink flowers. 20c each; \$2.00 per dozen.

AGAPANTHUS

Agapanthus Umbellatus. African Lily. Strong tuberous rooted plant. Flower stem 3 feet high, surrounded by a crown of beautiful blue tube-shaped flowers. Strong plants, 50c each.

Umbellatus Alba. Similar to the preceding, but with white flowers. 50c each.

CHRYSANTHEMUMS

Price: 15c each; per dozen, \$1.50.

Pockett's Crimson. A glorious reflexed of the largest size, the color of G. W. Childs, crimson and gold. It does not burn and is a splendid keeper and shipper.

Colonel Appleton. A golden yellow of immense size. A prize winner wherever shown. One of the best yellows.

Clementine Touse. White; one of the most lasting varieties either on or off the plant; has splendid stem and foliage and one of the largest flowers among the white varieties.

Mrs. Jerome Jones. A beautiful, glistening white, Japanese incurved, still widely grown.

Jeannie Nonin. White; a beautiful globular bloom—finely finished; of the largest size and the purest white. The most valuable introduction of recent years.

Golden Wedding. Of a rich golden color, intense and dazzling. Flowers 10 to 12 inches in diameter; petals broad and long, double to the center.

Black Hawk. Dark velvety crimson; one of the best red chrysanthemums.

Frank Hardy. A beautiful pure white variety with immense, full, deep globular flowers; incurved.

General Hutton. Yellow, tinged with bronze; flowers immense size; fine exhibition variety.

Lord Hopetoun. Shaded scarlet with bronze reverse. Very showy both in color and form.

Nagoya. One of the latest and finest brilliant yellows in the family. 4½ ft.

Lynnwood Hall. Glistening snow white of the largest size, perfectly incurved, of elegant finish and stiff stem and beautiful foliage; a late commercial of excellent keeping qualities.

Mrs. Coombs. Rose color. The flower is immense, with broad, slightly reflexing petals. One of the best of its color.

Madame R. Oberthur. A beautiful white with long ribbon like petals that curl and reflex; distinct in form from all other whites; extra fine variety.

Good Gracious. Flowers large, petals long, narrow and incurving; of a fine pink color.

Golden Wedding. Nothing finer among yellows; shines like burnished gold; the standard for measuring color.

Pink Ostrich Plume. Louis Boehmer. A beautiful shade of silvery pink with deep rose on the outside of the petals.



Chrysanthemum—Clementine Touset

L'Enfant des deux Mondes. Pure white, of large size and fine build. Very heavily plumbed.

Monarch of Ostrich Plumes. Chrome yellow, shaded with amber; flowers large, full and incurved.

Major Bonnaffon. Soft, clear yellow, incurved; full in the center; one of the best known yellows.

Pockett's Surprise. Bright crimson scarlet and bronze, of enormous size, incurving, with stiff stem and shining foliage; very late.

T. Carrington. A large Japanese, incurved. Color—a beautiful carmine rose, with silvery reverse. Fine for exhibitions.

Vivian Morel. Extra large flowers of a beautiful shade of pink; petals long and loosely arranged.

Yellow Eaton. A valuable bright yellow; large incurved flowers; form perfect; stiff stems and fine foliage.

Wm. Turner. A perfect incurved variety, quite globular, snow-white, of enormous size; stands at the very head of the whole white section; won first place over every variety entered against it at the shows of 1913. Recommended both for commercial and exhibition.

Wm. Duckham. A pure pink of incurved form, flowers large, on stiff, well foliaged stems.

Winter Cheer. Beautiful, round, incurving pink, almost the shade of "Balfour;" stem and foliage perfect.

Lavender Queen. Soft shade of lavender pink; distinct from all other pinks.

Miss Minnie Wannamaker. Beautiful creamy white, incurved flowers of the largest size.

CALADIUM ESCULENTUM

Elephant's Ear. A moisture loving plant with large tropical foliage; very effective in shady corners and near water pools. 15c each; extra strong plants, 25c.

CYCLAMEN GIGANTIMUM

Cyclamen Gigantium. These lovely winter and spring flowering plants of late years are becoming great favorites, both as a house plant and for planting in shady borders, where they keep up a continuous bloom from November to May. Plants from the best English strain; from 3-inch pots, 15c each; \$1.50 per dozen. Large plants in 6-inch pots, in bloom, 50c to \$1.00 each.

CALLA LILY

Richardia Aethopia. The well known white Calla Lily. Strong flowering roots, each 10c; per dozen, \$1.00.

Richardia Elliottiana. Flowers deep golden yellow; foliage beautifully spotted with white. Price, 50c each.

CANTERBURY BELLS

Campanula Medium. These charming old-fashioned flowers are favorites with all, and are among the most beautiful of our Spring flowers. Their large bell-shaped flowers show to great advantage. The strain we offer is an exceptionally good one, containing all colors from pure white to dark purple, with the intervening shades of rose, pink, blue, etc. Price, each, 10c; per dozen, \$1.00.

CANNAS

Italian or Orchid Flowered

The Canna has long been considered an almost

indispensable plant for the garden or lawn embellishments. Its beautiful foliage and bright colors make it a great favorite as a summer flower. We catalogue several of the best varieties. Strong plants from 6 inch pots, 15c; per dozen, \$1.50.

Alphonse Bouvier. Color, a rich brilliant crimson, foliage, deep green; a very free bloomer, one of the best of its color yet introduced.

Austria. Pure canary yellow; fine large open flowers with a few reddish dots in the center of the two inside petals.

Italia. Bright orange scarlet with broad golden yellow border. Flowers are produced on strong stems, set well above the foliage.

L. Patry. Flowers of delicate rose pink, standing well above the foliage. 4½ ft.

Mrs. Kate Gray. Color, rich orange scarlet, overlaid with gold; flowers of immense size.

King Humbert. Color a brilliant orange scarlet; flowers extra large; foliage a beautiful deep purplish bronze; a strong grower.

COREOPSIS

Lanceolata Grandiflora. Flowers of a rich, golden yellow, of graceful form and invaluable for cutting; a continuous bloomer. 10c each; 75c per dozen.

CINERARIA

Cineraria Hibrida. Producing in great profusion flowers of marvelous beauty in almost all shades of color; useful for house decorations and for planting in shady location, for winter and spring bloom in Southern California. 3-inch pots, 15c; per dozen, \$1.50.

Cineraria Platanifolia. A beautiful winter flowering plant, growing 8 to 10 feet high, with large soft, fig shaped leaves. Covered in winter with large panicles of yellow flowers. Does best in partially shaded location. 3 ft. high, 50c.

DELPHINIUMS

Each 15c; per dozen, \$1.50; large plants, balled, 20c; per dozen, \$2.00.

Our new strain of this lovely hardy Larkspur

in height. They branch freely from the crown and bloom without intermission from early spring to late autumn, with an increasing vigor to the plants each succeeding season. The blossoms are much larger than the older variety.



Delphinium Bella Donna

contains not only the sky-blue of the parent type, but all shades from palest to darkest blue. The various intervening shades of sapphire, turquoise, indigo, etc., are rich and beautiful beyond description. The plants are dwarf in growth, rarely exceeding 3 feet

Belladonna (Everblooming Hardy Larkspur).

This is the freest and most continuous blooming Hardy Larkspur. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty. A really exquisite Larkspur.

Delphinium, Chiniensis Alba. Pure dwarf white, fine for cutting, giant flowered and excellent variety. The coloring is very rare.

Delphinium Formosum. Dark blue, fine perennial, and especially hardy and attractive.

CARNATIONS

The carnation will thrive in any ordinary soil and should be planted in a sunny location. Their wealth of flowering combined with a delightful fragrance, places carnations very high in popular estimation. Plants from 2½ inch pots, 60c per dozen. Fine 4 inch pots, plants ready to bloom, \$1.25 per dozen. Field grown plants, \$2.00 per dozen.

Enchantress. This grand and most popular light pink variety still holds its ground as the largest and best pink carnation on the market.

Victory. One of the best deep scarlet varieties; flowers large and perfect; carried on stiff stems.

Engleside. Another fine scarlet variety with long stiff stems and perfect flowers.

Elderado. Light yellow, edged with pink. One of the best growers of the yellow variety.

Norway. A strong grower with large flowers of the purest white; fragrant and a remarkable free bloomer.

Halowarden. A strong grower with extra long stems and large dark crimson flowers. One of the best of its color.

Lady Bountiful Large white, with excellent calyx and stem. A strong grower and a free bloomer.

Madam Joost. One of the best pink carnations. A good grower and free bloomer. Color, a lovely salmon pink.

Los Angeles. White. A strong compact grower and a very prolific bloomer.

FUCHSIAS

Black Prince. A misnomer as far as name is concerned, being a bright waxy carmine; tube and petals large and broad; Carolla pink, one of the best single varieties.

Rosains Patri. One of the best Fuchsias, with double white carolla; tube and sepals deep scarlet; good grower and free bloomer.

Phenomenal. Flower very large. Tube and sepals are bright coral red. The corolla are nearly 2½ inches across; of the richest violet shade; a remarkably free bloomer.

Rose of Castile. A strong grower with beautiful large single flowers; sepals white; carolla violet; a favorite variety.

E. G. Hill. A well known double variety; sepals crimson, with large white carolla.

Elsa. A large single variety with rose colored sepals and purple carolla.

MATILJA POPPY

Romneya Coulteri. California Bush Poppy. The flowers are pure white with yellow centers; 6 to 9 inches in diameter; very attractive summer bloomer. Strong plants, \$1.00 each.

GIRBERA

Girbera Jamesom. Scarlet Daisy of South Africa. Daisy like flowers fully 3 inches across and carrying in color from orange red to deep vermillion; requires an open sunny location. Price, 50c each.

GAILLARDIA GRANDIFLORA

Gaillardia Grandiflora. Flowers of gorgeous coloring. The center is dark red-brown, while the petals are marked with rings of crimson, orange and vermillion; growing about 2 ft. high makes it excellent for cutting. 10c each; \$1.00 per dozen.

LINUM TIGRINUM

Linum Tigrinum. One of the best fall and winter blooming plants, producing masses of bright yellow cup-shaped flowers; for beds or borders. 10c each; per dozen, \$1.00.

HELIOTROPES

Heliotropes are great favorites, principally on account of their rich colors and delicious fragrance. We have the best varieties in cultivation. Strong plants, 15c to 25c each.

Chiefton. A strong grower with large trusses of light purple flowers.

Childsiana. A strong growing variety with fine foliage and large trusses of dark violet blue flowers. One of the best for planting on walls and lattice fences. A continuous bloomer.

Snow Wreath. Large trusses of nearly pure white flowers. A strong grower and a free bloomer.

Frau Lederie. New. Beautiful dark green, foliage and large trusses of lovely dark violet blue; very fragrant and a free bloomer; extra, 25c each.

GERANIUMS

Too well known to need description. Are easy of culture; continuous bloomers. The cheapest and best plant to brighten the garden. The following are a few of the best varieties and most extensively planted. Price, each, 10c; per dozen, 75c.

General Grant. Single bright scarlet, a strong grower and a continuous bloomer. One of the best and most extensively planted in Southern California.

Gertrude Pearson. Bright rosy pink with white eye; one of the best pink bedders. A free bloomer.

La Pilot. An old variety that is hard to replace; color, intense orange scarlet; extra large trusses of bloom.

Jean Viaud. Double rosy pink and white center; color, identical to Gertrude Pearson. A good grower and free bloomer.

Virgin. Single pure white, of dwarf habit. A good grower and a continuous bloomer. The best white Geranium to plant.

Paul Blondau. Double pink, immense trusses of bright pink flowers. A strong grower and a free bloomer.

Richmond Beauty (Single). Center of flowers pure white, outer edges a bright crimson. A distinct and showy variety.

Madam Salleri (See border plant). A dwarf Geranium with variegated foliage; used for bordering beds.

IVY LEAVED GERANIUMS

Charles Turner. More extensively planted than any other variety; color, a lovely deep, bright pink. A strong grower and a profuse bloomer. One of the best. Price 10c each; per dozen, 75c.

Gallalee. A strong grower and a remarkable free bloomer; color, a pleasing shade of cerise pink.

P. Crozy. A grand hybrid between the Zonals and Ivies, having the foliage of the former and flowers of the Ivies; color, a soft, bright scarlet.

Joan of Arc. (Double white). A good grower and free bloomer.

Willy. Color, a bright scarlet. A strong grower and profuse bloomer.

HOLLYHOCKS

For planting in masses, by themselves or as a background for lower growing plants, the Hollyhock is indispensable. Strong, one year old plants, double variety, 15c each; \$1.50 per dozen. Colors, crimson, yellow, white, pink.

Single (Mixed Hollyhocks). Assortment of all colors, 10c each; \$1.00 per dozen.

MARGUERITES

Single White Marguerite. Easy of cultivation; producing abundance of flowers the greater portion of the year; good for massing with geraniums. 10c each; 75c per dozen.

Single Yellow Marguerite. Similar to preceding but with yellow flowers. 10c each; 75c per dozen.

Marguerite, Mrs. Saunders. A new and superb Marguerite. During the greater part of the year the blossoms are very double, making them appear more like a white aster than a Marguerite. 10c each; \$1.00 per dozen.

DUSTY MILLER

Centaurea Candidissima. Dwarf grower with beautiful silvery white foliage; largely used for edging borders and beds of scarlet or pink geraniums. From 2½ inch pots, 5c each.

PETUNIAS

California Ruffled Giants. Very large, wide-opened blossoms, beautifully ruffled, fluted and fringed; superb strain. 3 inch pot plants 10c each; per dozen, \$1.00.

Snowball. One of the best double fringed white Petunias. See cut.



Snowball Petunia

POPPIES

Hunnemannia Fumariaefolia. "Mexican Poppy." Perennial, 2 to 3 feet. Large flowers resembling the California poppy, but more bowl shaped and of a light canary yellow color. Very free flowering and especially

valuable for cutting purposes, the blooms lasting a long time in water. Blooms freely the greater part of the season. 10c each; per dozen, \$1.00.

Poppy Oriental. (*Papaver Orientale*). A perennial producing many thick leafy stems, 3 to 4 feet high, with large, deep crimson flowers having a black blotch on each petal, exceedingly showy. Sow the seed in spring or early in the fall in seed boxes; when large enough pot up into small pots and later transplant to the open ground. 15c each; per dozen, \$1.00.

PRIMULA (PRIMROSE)

The primrose is largely used as a house plant and of late years in Southern California has proven itself a very desirable winter and spring bloomer outside in sheltered borders.

Primula Chinensis. Raised from a leading English strain in shades pink, white and dark red. 4 inch pots, 25c each; 5 inch pots in bloom, 35c each.

Primula Obconica Grandiflora. Improved type of a soft lilac shade; are fine for either pot culture or for planting in open ground for winter bloom. 15c each; per dozen, \$1.50; large size, 20c each; \$2.00 per dozen.



Primula Obconica

PENTSTEMONS

We are growing large quantities of the pink, white and crimson shades. Useful hardy border plants producing spikes 18 inches to 24 inches high, covered with lovely bell-shaped flowers; continuous bloomers. 10c each; per dozen, \$1.00; large size, 15c; \$1.50 per dozen.

warm summer months; should be liberally supplied with water. Names varieties in all shades. 15c each; \$1.50 per dozen.

STOCKS

The Stock is one of the popular winter bloomers in Southern California; planted in October, it will be in bloom before Christmas and



Pentstemon

PERENNIAL PHLOX

These old-fashioned plants should be planted in good, rich ground, as they bloom in the

continues until April. We grow large quantities of the following fine varieties. Price, 25c per dozen; \$2.00 per 100.

Cut-and-Come-Again. A continuous flowering variety; when cut, throws out numerous side shoots which keep up a succession of bloom. Named varieties:

Princess Alice. Snow white.

La France. Silvery rose.

Brilliant. Blood red.

Sapphire. Dark blue.

Creole. Creamy yellow.

Giant Perfection. Large flowering; another popular variety of stock in the following colors: Blood red, light blue, bright pink, purple, white and yellow.

Beauty of Nice. Splendid new, winter flowering variety, with strong spikes of large flowers of a delicate flesh pink. 25c per dozen; \$2.00 per 100.

STATICE

Latifolia (See Lavender). A low growing plant with broad light green leaves and large panicles of tiny lavender colored flowers which last a long time after being cut. 20c each; \$2.00 per dozen.

PELARGONIUMS

20c each; \$2.00 per dozen.

Edward Perkins. Large trusses, orange, scarlet, shaded with maroon on upper petals.

Madam Vibret. Ground color rose, blotched with velvety maroon; light center and edges.

Madam Thiebaud. A beautiful shade of light pink and white; flowers double with ruffled edges; a free bloomer.

Dorothy. Flowers large rosy salmon with dark maroon blotch on upper petals. Fringed and ruffled edges.

Victor. Crimson, beautifully blotched with maroon.

Quito. Light pink with dark velvety markings.

"Duchess of Teck." White; large and semi-double; upper petals sometimes blotched red; borne in large clusters. Our best white sort.

"Duke of Fife." Very pink on white ground.

"Milton." White; upper petals blotched dark crimson.

SHASTA DAISIES

Alaska. True type. The largest and best of the Shasta daisies. Strong plants, 10c each; \$1.00 per dozen.

SALVIA

Salvia Bonfire. Dwarf compact grower, with spikes of dazzling scarlet blooms. 10c each; \$1.00 per dozen.

Salvia Jules Gretien. A tall grower, with spikes of the most intense scarlet. Strong plants, from pots, 10c each; \$1.00 per dozen.

CACTUS DAHLIAS

The great improvement on the Dahlia within the last few years has now placed it among our standard summer and autumn plants. The new cactus types, many of them having the characteristics of the chrysanthemum, are now very much in demand as a cut-flower. The following are selected from a large number of the latest new and old varieties and can be highly recommended. Strong plants, 15c each; per dozen, \$1.50.

Countess of Londesdale. Beautiful shade of soft salmon pink, shading to carmine; a popular bloomer.

Gloriosa. Bright orange scarlet with finely formed flowers, incurving and curled; on long stiff stems.

Kremhilde. A strong and vigorous grower with flowers of an exquisite shell pink, shading to white in the center; a perfect cactus form with strong upright stems.

Spotless Queen. A grand Cactus Dahlia, pure white; stems long and stiff.

J. C. Jackson. The deepest, darkest velvety maroon black; of true cactus form; fine stems; grand bloomer; nothing to equal it in its color. Perfection.

Mrs. Clinton. Ground color is deep amber, gradually shading to a rose-scarlet, with a glow and finish impossible to describe.

Starfish. Orange scarlet, flower of fine form.

Charm. The base of the petals, yellow, varying to red, with white tips and edges; very full in bloom. Distinct and charming.

Lady Colin Campbell. A fine yellow, shaded orange, Cactus Dahlia; flowers large, borne on long stiff stems.

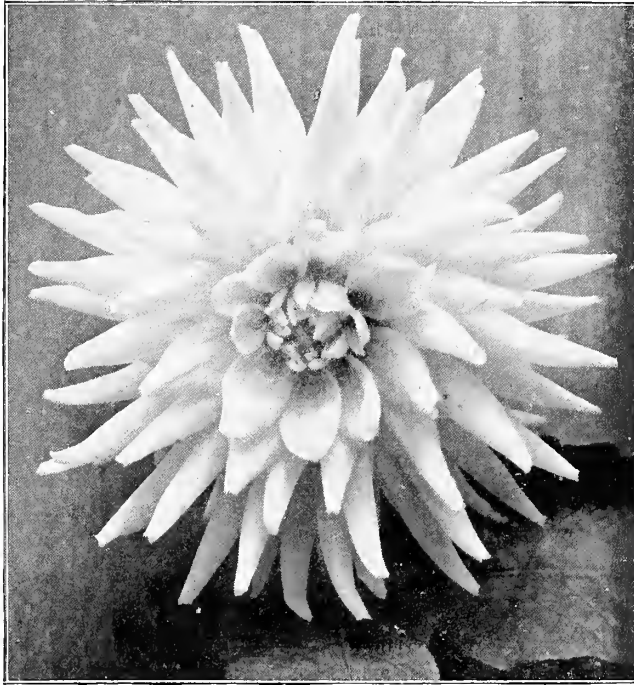
to white at center. Large flowers of the decorative type.

Volker. A beautiful clear sulphur yellow; a grand addition to the yellow cactus types.

King Fisher. Carmine purple; long narrow petals and finely formed flowers.

COLARETTE DAHLIAS

The New Varieties which we offer this year are the greatest advance on existing sorts,



Dahlias

Floradora. A remarkable free bloomer; color a bright blood red.

Prince of Orange. A strong growing variety, with beautiful large flowers of a deep bronze orange yellow; a continuous bloomer.

Mrs. Winter. Large sized flowers of purest white; a superb decorative cactus type.

Madame Deal. A beautiful light pink, shading

and we have secured shades not hitherto obtained in this class. Many of the colors are brilliant in the extreme. As garden plants our Collarette Dahlias are very decorative, being moderate in height, bushy in habit, with a freedom of blooming almost beyond conception, while as cut flowers they last longer than any other Dahlia—quite a week in a cool room. Price, each, 25c; per dozen, \$2.50.

Balmoral. Bright puce color, flat, smooth florets, with a white and rose striped collarette. This is a showy and effective variety with long stemmed flowers.

Buckingham. Glowing, blood red flowers of good form with white collarette. The plants are of a bushy habit, the flowers well above the foliage, and produced with marvellous freedom.

Countess Dougou. White ground splashed with rosy purple collarette; a rather pretty and attractive flower, distinct.

Comtesse Icy Hardegg. Purple maroon passing to rose and white at the tips, white collarette; a good star shaped flower.

Frogmore. Yellow ground splashed with vermillion, a collarette of yellow, the habit of the plant is erect and bushy.

Henri Farman. Bright vermillion edged with primrose; straw collarette; exceedingly showy; good habit.

Princess Louise. Rich glowing crimson flowers with broad leaf petals and white collaretts. This is a very distinct variety of dwarf bushy habit, erect flowering and very free.

Windsor. Pale chrome yellow flowers suffused with rosy pink, and straw colored collarette; a flower of grand form, produced freely on long erect stems, and much admired by ladies of artistic tastes.

Rheinkrone (Star). Deep maroon, collarette white edged with crimson, very free and showy.

POINSETTIA PULCHERRIMA

Christmas flower of Mexico. Unsurpassed for the splendor of its brilliant scarlet flower bracts; very showy and much admired; requires a sunny location. Plants 1½ to 2 ft. high, 25c each! 2½ to 3 ft. high, 50c to 75c each.

TRITOMA (RED HOT POKER)

Tritoma Pfitzerii. Free blooming variety with spikes from 3 to 4 feet high and heads of bloom of a rich orange scarlet; one of the best for massing. 25c each; \$2.50 per dozen.

VERBENAS

Few plants with as little attention as is given the Verbena produce such abundance of bloom the greater part of the year. Strong plants, from 3 inch pots, 50c per dozen.

Miss Ellen Wilmot. A beautiful shade of cerise pink; a true mammoth variety in both truss and individual floret.

Firebrand. Bright scarlet flowers; a strong grower and free bloomer.

White Queen. A strong grower and very free bloomer. Flowers are of the purest white.

Mammoth Scarlet. A beautiful large flowering variety; color, very dark velvety red; one of the best of its color.

Climbing and Trailing Plants

ASPARAGUS PLUMOSUS

Commonly called asparagus fern. Invaluable as a house plant, and for planting with ferns and begonias, in shady locations. Largely used in floral decorations. Strong plants, 15c, 25c, and 50c each; cut strings, 8 ft. long, 35c each, and \$3.00 per dozen.

Asparagus Sprengeri. A free growing variety of trailing habit; largely used in hanging baskets and window boxes. 3 inch pots, 15c; 6 inch, 50c; hanging baskets, 75c to \$2.00 each.

Asparagus Scandens Deflexus. A beautiful new variety with long sprays of fine feathery, light green foliage and tiny white flowers. Price, 4 inch pots, 25c; 6 inch pots, 50c.

AKEBIA

Akebia Quinata. A very pretty climber from Japan. Beautiful foliage; produces purple flowers in early spring. 25c each.

Ampelopsis Veitchi. Usually called Boston ivy. A beautiful climber of rapid growth; clings to wood, stone, or brick. Foliage assumes a pretty bronze color in the fall. Price, 15c to 25c each.

Australian Pea Vine. A quick growing vine covered with clusters of pink, pea-shaped flowers; makes a dense screen. Price 10c each; per dozen, \$1.00.

Antigonon leptopus (Mexican Rose). A free blooming climber; flowers in large racemes of a beautiful rose pink. Price, 35c each.

BIGNONIAS

Bignonia Grandiflora (Trumpet Vine). A quick growing vine, with deep orange trumpet shaped flowers; deciduous. 25c each.

Bignonia Tweediana. A quick growing vine; clings to any rough surface; covered in summer with bell-shaped flowers of a beautiful rich yellow color. Price, 25c each.

Bignonia Venusta. When once established, is a rapid grower, producing in the winter months long racemes of beautiful orange colored flowers. One of the best vines for pergolas. Price, in 4 inch pots, 50c each; plants 4 to 5 feet high, 50c each.

Bignonia Capenses. Used both as a vine and shrub. Foliage dark shining green. Flowers in clusters of rich orange red. A fine bloomer. Should be in every collection. Each, 25c and 50c.

Bignonia McKenni (Tecoma McKenni). Another quick growing vine, bearing large clusters of lovely rose colored blooms. Strong plants, 2 ft. high, 25c; large plants, 50c each.

Bignonia Jasminoides. (Tecoma Jaminoides). A very pretty climber with clean shiny foliage. Flowers in clusters bell-shaped, white outside, lavender color inside. A very desirable vine. 25c to 50c each.

BOUGAINVILLEAS

Bougainvillea Glabra Sanderiana. A prolific bloomer; might almost be called "everblooming;" flowers a rich magenta color; a strong grower. Fine plants, 50c and \$1.00 each.

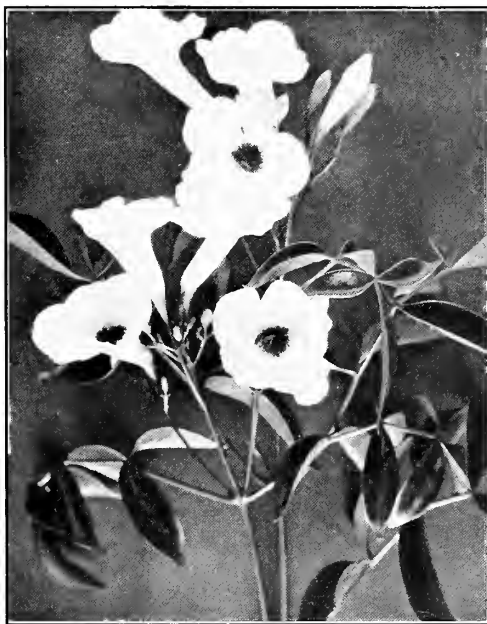
Bougainvillea Spectabilis. One of the best flowers and foliage larger than the preceding, but not as free a bloomer. Color a glowing carmine purple. 50c to \$1.50 each.

Bougainvillea Laterita. Another fine variety; always scarce. Flowers a brick red color. A strong grower when once established. Strong plants, price, \$2.50 to \$5.00 each.

Compsidium Filicifolium (Tecoma Filicifolia). A climber with fine flossy foliage and small cream colored flowers; a quick grower. Price each, 3 ft., 25c; 6 to 8 ft., 75c.

CLEMATIS

Clematis Paniculata. A Japanese climber of rapid growth, producing masses of star shaped fragrant white flowers; a very desirable addition of recent introduction; all clematis do best in partially shaded locations. 75c each.



Tecoma Jasminoides

Clematis Jackmanii. Large flowers, color a deep violet purple; one of the best. 75c each.

Clematis Henryii. Large creamy white; a fine free blooming variety. Strong plants, in 6 inch pots, 75c each.

Clematis Venus Victrix. Color delicate lavender; a fine formed double flower; free bloomer and vigorous grower. 75c each.

COBEA

Cobea Scandens. A rapid growing vine with purple bell-shaped flowers. 10c each; per dozen, \$1.00.

FICUS REPENS

Ficus Repens (Climbing Rubber). A small leaved vine of dense growth, attaching itself readily to wood, stone, or brick; should be trimmed when it gets old. Price, 10c each; per dozen, \$1.00; larger size, 15c; \$1.50 per dozen.

Ficus Repens Variegata. A variety with pink and white variegations on the leaves; useful for covering old stumps and stones in ferneries. Price, 25c each.

HOYA

Hoya Carnosa (wax plant). A medium growing vine with thick fleshy leaves and clusters of waxy pink colored flowers. Price 50c each.

HONEYSUCKLES

Honeysuckle Belgian. A rapid grower. Flowers red and yellow; free bloomer and very fragrant. Price 15c to 25c each; per dozen \$1.50 and \$2.50.

Honeysuckle Aurea Reticulata. Gold netted leaved Honeysuckle. Flowers white and yellow. Price, 25c each.

Honeysuckle Halleana. Hall's Japan Honeysuckle. A rapid grower with white and yellow fragrant flowers. 15c and 25c each.

MOON VINES

Ipomaea Learii (Blue Moon Vine). A rapid growing vine with large showy blue flowers. Makes a good screen in a short time. 15c each; per dozen, \$1.50.

Ipomaea Grandiflora (White Moon Vine). Flowers fully 4 inches in diameter; fragrant and quick grower. 15c each, per dozen, \$1.50.

MANDEVILLIA

Mandevilla Suaveolens (Chilean Jasmine). A slender growing vine, with clusters of tube shaped waxy white fragrant flowers. Blooms in June. Deciduous. 50c each.

IVY

Ivy, English. A general favorite for covering walls, terraces and fences. Clings to wood, brick or stone. 15c each; large plants, 4 to 5 ft. high, 25c each.

Ivy, Boston. See Ampelopsis.

JASMINE

Jasmine Revolutum. Foliage, a dark glossy green. Flowers a deep yellow and very fragrant. Can also be used to good effect as a bush. 25c to 50c each.

Jasmine Gracillimum. A new Jasmine, with clusters of delightfully fragrant white flowers; a very free bloomer. 25c to 50c each.

Jasmine Grandiflora. Catalona Jasmine. Large white semi-double flowers; very fragrant and a constant bloomer. 25c to 50c each.

LOTUS VINE

Lotus Peltiorhynchus. A useful plant for hanging baskets and covering terraces and for rockeries; fine gray foliage and scarlet flowers. Each, 10c; per dozen, \$1.00.

Muehlenbeckia Complexa. (Wire plant). A pretty small leaved vine. Stems black and wire like; useful for covering old trees or stones. 15c to 25c each.

Passion Vine Passiflora. The scarlet flowering and other varieties are very pretty vines, and used to be extensively planted in Southern California, but of late years they have been subject to attack by caterpillars at certain times of the year, consequently few good plants are to be seen now. 50c each.

Pithecoctenium Muricatum (Mexico). A very fast growing vine with clusters of beautiful tube like flowers; creamy white with yellow throat. Price, each, 50c.

Physianthus Albans. A rapid growing vine, with clusters of waxy white flowers resembling *Stephanotis*; a very free bloomer; Price, 50c each.

Rhynchospermum. *Jasminoides*. Dark green shiny foliage, with clusters of star like white fragrant flowers; a very pretty vine of medium growth. Price, 50c to 75c each.

Solanum Wendlandii. A beautiful summer flowering variety, with immense clusters of lavender colored flowers; should be in every garden. 25c to 50c each.

Solanum Jasminodes (Potato Vine). A fast growing and continuous bloomer; flowers in clusters of small white blossoms. Strong plants, from 5 inch pots, 25c each.

Solanum Seaforthianum. Like the preceding, but with blue flowers, followed by red berry; a very pretty vine. 25c and 50c each.

Snail Vine. *Phaseolus Caracalla*. Flowers of a lovely lilac, purple and yellow color. Shell shaped. Curious and beautiful. Deciduous. Each, 25c.

Stephanotis Florbunda. A choice climber requiring a warm, sheltered location. Foliage dark green, thick and fleshy; flowers waxy white; very fragrant. 2 to 3 ft. high, 75c each.

Smilax. A favorite vine for winter and spring decorations. Strong plants, 10c each; per dozen, \$1.00.

Tecomas. See *Bignonias*.

Vinca Perwinkle. A useful vine for covering rock work and as a ground cover for terraces. Green and variegated varieties. 10c each; per dozen, 75c.

Wistaria Chinensis. A rapid growing climber. Well adapted for pergolas. Has long pendulous clusters of pale blue flowers. Strong grafted plants, 75c to \$1.00 each.

Wistaria Chinensis Alba. Another fast grower with pure white flowers. 75c to \$1.00 each.

Multijuga Alba and Coreula, Japan. Flowers more loosely set in long racemes. 75c to \$1.00 each.

Bamboo and Grasses

BAMBOO

Bamboo As a decorative plant the bamboo are growing in general favor. Their airy foliage, graceful arching branches and rich coloring of green produce an immediate effect that cannot be surpassed.

Phyllostachys nigra (Black stemmed bamboo). China and Japan. When fully grown, the shoots of this variety are black; attains a height of 20 to 25 feet; one of the most ornamental of this family, the black stalks and branches forming a marked contrast with the bright green foliage. Strong canes, 50c to \$2.00.

P. mitis. (Noble Bamboo). 30 feet. The tall growing bamboo; stem often six inches in

diameter; used in Japan for water pipe, furniture, etc.; young sprouts are eaten as a vegetable. \$1.50 each.

Bambusa Matake. A tall slender growing variety, with yellow stems and fine foliage, largely planted for hedges and screens. Strong clumps, 75c to \$2.00 each.

Dendrocalamus Latifolius (Indian Giant Bamboo). Height 70 feet. The stems of this variety grow erect, with dense dark green foliage, making a beautiful specimen in any location. Strong canes, \$3.00 each.

Bambusa Alphonse-karri. Yellow and green stripes on stem; very ornamental. Clumps, \$1.50 each.



Giant Bamboo

ARUNDO DONAX

Arundo Donax Variegata (Gardener's Garter). A beautiful bamboo reed, reaching 12 feet in height. It is the tallest of the variegated grasses, and in the spring has foliage striped heavily with white and green. 50c each.

MUSA ENSETE ABYSSINIAN BANANA

The Abyssinian Banana Tree. Of tropical appearance; strikingly effective as single specimens as well as in clumps or masses. The rapidity of its growth is astonishing. 3 ft. high, 75c.

CAREX

Carex Japonica. A pretty dwarf variegated grass, very effective for vases and hanging baskets. 15c to 25c each.

PAPYRUS ANTIQUORUM

Papyrus Antiquorum. Egyptian paper plant, with erect, tall stems, 6 to 8 feet high, crowned with a plume of feathery, drooping grass like leaves. A beautiful decorative plant. Likes a moist location. 25c to 50c each.

PAMPAS GRASS

Gynerium Argenteum (Silver Pampus Grass). This is the famous grass, having the beautiful plumes so largely used for decorations. The form of the clump resembles a fountain of water, the leaves curling over and reaching the ground. Strong clumps, 50c to \$1.00.

UMBRELLA GRASS

Cyperus Alternifolius. Madagascar. In this country called "umbrella plant," a great favorite for aquariums, jardinières, etc. 25c to 50c.

PHORMIUM TENOX

Newzealand Flax. A handsome decorative plant with long sword like leaves, and spikes of orange colored flowers. Large clumps, \$1.50 to \$2.00 each.

Phormium Tenox Variegata. Similar to the above, but has beautiful variegated white and green leaves. A striking decorative plant. \$1.50 to \$2.00.

Ferns

Alsophilla Australis. Tree Fern. Our stock of this majestic looking Tree Fern is in splendid condition, ranging from three feet in diameter to ten. For shady corners nothing is more beautiful. Strong plants, 2 to 3 feet in diameter, \$2.50 each; 3 to 5 feet in diameter,

\$3.00 each; larger specimens, price on application.

Aspidium Tsussimensis. A pretty dwarf growing fern; useful for ferneries. 3 inch pots, 10c each; per dozen, \$1.00; 4 inch pots, 15c each; \$1.50 per dozen.



Ferns

Dicksonia Antarctica. New Zealand Tree Fern.

This rare and tropical looking tree fern succeeds well in any shady location. Fine specimens, 4 to 6 ft trunks, with perfect fronds, \$15.00 to \$30.00 each.

Cyrtomium Falcatum. Commonly called the

Holy Fern. A very hardy variety, with beautiful dark glossy green fronds. Thrives well as a pot plant for the house and extensively planted outside. In 3 inch pots, 10c each; large plants in 6 inch pots, 50c to 75c each.

Nephrolepis Piersonii. "Ostrich Plume." A

sport from the well known Boston Fern. Fronds fine cut and fringed, giving the appearance of an ostrich plume. 4 inch pots, 25c; 6 inch pots, 50c; 7 inch pots, 75c.

Nephrolepis Scottii. A compact dwarf form

of the favorite Boston Fern, having a graceful drooping habit. 4 inch pots, 25c each; 6 inch pots, 50c to 75c each.

Nephrolepis Bostoniensis. The well known

Sword Ferns; probably the most useful of all the species; largely used for hanging baskets and for planting in shady locations outside. Plants in 3 inch pots, 10c; 5 inch pots, 25c; 6 inch pots, 50c; large plants in pans and tubs, price on application.

Nephrolepis Elegantissima. "Ostrich Plume."

Fronds are short and very broad at the base. The pinnae are a nicely graded succession of perfect miniature fronds projecting at right angles from both sides. 4 inch pots, 25c; 6 inch pots, 50c.

Nephrolepis Whitmanii. "Ostrich Plume." A

new variety combining all the graceful pluminess of Elegantissima. The fronds, although more finely cut, are more erect and less liable to revert to the original Boston type. 4 inch pots, 25c; 6 inch pots, 50c and 75c.

Onychium Japonica. (Carrot Fern). A beautiful dwarf growing fern, with carrot like fronds. A desirable variety for cutting from. 10c to 25c each.

Pteris Tremula. More extensively planted than any other variety for quick effect in north borders or ferneries. There is no other hardy fern that will give better results. Plants in 3 inch pots, 10c each; 5 inch pots, 35c each; extra large plants in 7 and 8 inch pots, 75c each.

Platycerium Alicorne. (Elkhorn Fern). Ornamental as a pot plant, or grown on blocks of wood. Fronds branching in form of an elk's horn. Strong plants in 6 inch pots, \$2.50 each.

Adiantum Cuneatum. Maiden-hair ferns. 15c to 50c each.

Pteris Critica. Alba Lineata. A handsome dwarf growing fern, deep green, striped white. 15c each.

Pteris Adiantodies. A strong growing variety with glossy, deep green foliage. 15c each; per dozen \$1.50.

Pteris Wimsetti. A dwarf growing variety with beautifully crester fronds. 15c each; per dozen, \$1.50.

Woodwardia. A strong growing native variety. Largely used for filling in background for ferneries. 25c each.

Flowering Begonias

Probably the most popular and most satisfactory plants for planting in ferneries, under trees, or any other shady location. They are ornamental both on account of their bright waxy flowers and clean, shining foliage. We list some of the best varieties on the market.

Argenta Guttata. A handsome foliage variety; purple bronze leaves, oblong in shape, with silvery markings; white flowers; an excellent variety. Price, in 4 inch pots, 25c; 6 inch pots, 50c each.

Fuchsiodes Coccinea. A free blooming variety with clusters of small scarlet flowers. In 4 inch pots, 15c to 25c.

Gloire de Lorraine. New; a winter flowering variety of great merit as a house plant. Flowers delicate and pleasing shade of soft satiny pink, produced in great profusion. 5 inch pots, plants 75c each.

Metallica. Leaves triangular, under side of leaf and stem hairy; the surface of a lustrous metallic or bronze color; a free bloomer. 25c to 50c each.

Ne Plus Ultra. A strong compact grower, with clusters of bright pink flowers produced in great profusion. 25c to 50c each.

President Carnot. A remarkable strong growing variety, of stiff, upright habit; foliage large, under side of deep purplish red; flowers beautiful coral red, in large pendant panicles. In 4 inch pots, 25c; 6 inch pots, 50c each.

Thurstoni. A handsome variety, under side of leaves being a rich purplish red. Veinings very prominent, upper side is a bronzy green. Flowers rosy white in large clusters well above the foliage. Price, 25c to 50c each.

Rubra. An old favorite variety. The flowers are a rich coral red, hanging in large pendant clusters; foliage a rich green; a good climbing sort. 25c to 50c each.

Weltoniensis Rosea. Foliage light green. Flowers a rosy pink; free and continuous bloomer. 15c to 50c each.

Haageana. A superb begonia; leaves oblong of a dark green color, thickly covered with hairs. Flower stems long, with large clusters of beautiful flowers, shaded from deep pink in the bud, to almost white flowers when fully developed. 25c to 50c each.



Begonia Haageana

Vernon. A dwarf compact growing begonia. Flower a beautiful deep rose color; extensively used for summer bedding. Price 10c each.

Begonia Luminosa. New, fiery dark scarlet, with foliage reddish brown or bronze. A superb variety, quite dwarf in habit and bearing the flowers on stems well above the foliage. Each, 10c; per dozen, \$1.00; per 100, \$6.00.

Begonia Prima Dona. A very pretty dwarf variety, 8 to 10 inches high, densely covered with handsome flowers of a delicate rose color. Each 10c; per dozen, \$1.00; per 100, \$6.00.

Gracilis Alba. Pure white with large waxy flowers. It combines dwarfness with an excellent compact habit. Price each, 10c; per dozen \$1.00.

REX BEGONIAS

We have in stock a choice variety of Rex Begonias, furnishing new combinations of coloring, greatly increasing their value as a decorative plant either for house-culture or planting in shady locations outside. Price, 25c to 50c each.

PANSIES

In California they bloom profusely during the winter and spring months in any open location and should be planted in good rich ground. Our pansies are obtained from the best strains on the market. The quality of our pansies has become so well known that our sales of plants now amounts to between 25,000 and 30,000 every season. Price, per dozen, 25c; per 100, \$2.00.



Pansy

VIOLETS

California. This beautiful violet, having been raised in California, has proved itself to be one of the best single violets on the market, and is now grown in large acreage for the florist trade. It is of the richest dark blue and very fragrant. Price, per dozen, 25c; per 100, \$1.50; from pots, 50c per dozen.

Princess of Wales. Another fine single violet of true blue color that does not fade. Flowers

are large, symmetrical in form, and most deliciously fragrant. 25c per dozen; potted plants, 50c per dozen.

Lady Campbell. One of the best double purple violets. Very fragrant and free bloomer. Requires a shady location. Per dozen, 50c.

Swanley White. Flowers large, double, pure white, and of the richest fragrance; the best white violet ever introduced; requires a shady, moist location. Price, per dozen, 50c.

Border and Hedge Plants

BORDER PLANTS

Pyrethum Aureum. "Golden Father." Foliage deeply fringed and cut; of a beautiful golden yellow; makes a pretty edging for beds or borders. \$1.50 per 100.

BEDDING LANTANAS

Aurora. Dwarf bedding variety; flowers clear pink. Each, 10c; per dozen, \$1.00.

Radiation. Dwarf in habit, with nice foliage; color brilliant red, with the center orange yellow. An extra good bedder. Each, 10c; per dozen, \$1.00.

Snow Queen. Undoubtedly the finest white in existence; it combines large size, purity of color and very dwarf habit.

Tethys. A lovely cream color, shading to canary yellow. Extra large size blossoms and produced in such abundance as to completely cover the plant.

Grand Sultan. Flowers a beautiful combination of red and yellow.

SANTOLINA

Santolina Incana. A pretty silvery leaved

plant, extensively used for bordering flower beds. 30c per dozen; per 100, \$2.00.

LOBELIA

Emperor William. A well known and useful dwarf border plant. Flowers a beautiful dark blue with white center. Per dozen, 30c; per 100, \$2.00.

Nixeneye (new). Very dwarf compact variety, with flowers of an intense blue, relieved by a large white eye. Per dozen, 30c; per 100, \$2.00.

Geranium, Madame Salleori. Dwarf Geranium, growing from six to eight inches high; foliage green edged with white; a very pretty border plant. Each, 5c; per 100, \$4.00.

ENGLISH DAISY, "BELLIS PERENNIS"

English Daisy. White; planted in October, will flower profusely during the winter and spring months. Per dozen, 25c; per 100, \$1.50.

Longfellow. Extra large, double flower. Color deep, dark rose. Per dozen, 25c; per 100, \$1.50.

HEDGE PLANTS

California Privet makes a very desirable hedge, is a strong grower. Foliage dark green; can be trimmed to any height desired. 10c each; \$3.00 to \$5.00 per 100.

Lauristinus. Largely used for ornamental hedges; foliage bright green; flowers white freely produced during the winter and spring months; a very desirable hedge plant. Each, 10c; per dozen, \$1.00; \$5.00 to \$7.00 per 100.

Ligustrum Nepaliensis. Small light green foliage; the best variety for dwarf hedges; in flats, \$3.00 per 100; potted, \$5.00 per 100.

Monterey Cypress. A quick growing, native tree, adapting itself to any shape or height; makes a beautiful low compact hedge for the garden, and also a high wind-brake for the orchard. In tins, 10c each; \$2.00 per 100 in flats.

Mirtle, Myrtus Microphilla. Small leaved variety; makes a pretty dwarf hedge; foliage glossy green; flowers white, star shaped. 10c each; \$6.00 per 100.

Myrtus Communis. A dwarf shrub with shining green leaves and fragrant white flowers. 10c each; \$6.00 per 100. Also used for hedges.

Winter and Spring Flowering

Bulbs That Give the Best Satisfaction :: ::

ANEMONES

One of the most showy and beautiful flowers, of neat and compact growth, and the most brilliant colored flower. Plant in October and November. Single, in choice mixed colors, 15c per dozen; 75c per 100. Double, choice mixed colors, 25c per dozen; \$1.50 per 100.

DAFFODILLS

Empress. A beautiful variety, perianth, white trumpet, rich yellow; one of the best. Each, 10c; per dozen, 75c.

Emperor. Large, brilliant yellow trumpet. Each 10c; per dozen, 75c.

Trumpet Major. Deep yellow; free bloomer. Each, 5c; per dozen, 30c; per 100, \$2.00.

Van Sion. Single or double; early yellow trumpet; an old standard variety.

FREESIAS

Freesia Refracta Albu. Pure white. Fragrant and very useful for cut flowers. Per dozen, 15c; per 100, \$1.00.

HYACINTHES

Single and double, in colors of rose, white, blue and red. Fine bulbs, per dozen, 60c; per 100, \$4.50.

Ixias. Beautiful spring flowers of the loveliest shades; good for cutting from. Mixed colors, per dozen, 15c; per 100, \$1.00.

IRIS

German Iris. The true Fleur de Lis, the national flower of France. Flower white, purple and mauve. Each, 5c; per dozen, 50c; in clumps, 15c each; per dozen, \$1.50.

Angelica (English Iris). Large handsome flowers, mostly of rich purple. Blue and lilac shades, each 10c; per dozen, \$1.00.

Hispanica (Spanish Iris). Flowers of great beauty, of various shades, and will last from one to two weeks when cut. Per dozen, 20c. Plant in October and November.

Kaempferi (Japan Iris). Very large flowers of the rarest and richest colors. Plant about January 1st. Choice named sorts, 25c each; per dozen, \$2.00.

RUNUNCULUS

Rununculus, the past few years are becoming a favorite spring flower. They are free bloomers. Very double and useful for cut flowers and are of every imaginable shade, from pure white to deep carmine. French, Persian and Turban varieties. 25c per dozen; per 100, \$1.00.

Fruit Trees

APPLES

Trees 4 to 6 ft. high, 25c

Two Best Summer Varieties

Early Harvest. Medium size; tender and sweet; good for table and cooking; ripens July and August. Each, 25c.

Red Astrachan. Large, deep crimson; flesh white, juicy and highly flavored. Tree vigorous and very productive. July to August.

Autumn Varieties

Jonathan. Yellow and red, of medium size; flesh rich, tender and juicy. Very productive and a good winter variety. November to December.

White Winter Pearmain. Medium, oblong, greenish yellow, tender, juicy, highly flavored; a leading variety.

Yellow Belleflower. Large, oblong, yellow, flesh firm, crisp, juicy, with decided sub-acid flavor. Tree very productive. A standard variety in California. October to January.

Winter Banana. Fruit very large, golden yellow, shaded with red. Flesh yellow, juicy, with rich aromatic flavor of the highest quality. Tree a good grower and abundant bearer. An excellent variety.

CRAB APPLE

Trees—4 to 6 ft. high, 25c each

Transcendent Crab. A beautiful variety of the Siberian crab. Red and yellow. Tree a strong grower and very productive. September to October.

Yellow Siberian. Fruit large, golden yellow color. Tree a vigorous grower and a good bearer. September to October.

APRICOTS

Trees—4 to 6 ft. high, 30c.

Royal. Medium size, oval, pale yellow with red blush on sunny side. Flesh yellow with sweet, rich vinous flavor. Extensively planted in California. Ripens in July.

Newcastle. Early. Medium size, round; fine flavor. One of the best early varieties.

Blenheim. Large, oval, orange yellow. Flesh rich and juicy. July.

Moorpark. Very large; red on the sunny side; flesh bright orange; fine flavor. Late July.

ALMONDS

Trees, 4 to 6 feet high

Ne Plus Ultra. Tree a rapid grower; leaves rather large; a heavy and regular bearer; nuts large and very long in shape; soft shells, hulls free.

Nonpareil. Of a weeping habit of growth, smaller foliage than the I. X. L., but forms a beautiful tree; an extraordinary heavy and regular bearer, with very thing shell, of the Paper Shell type. One of the best.

PEACHES

Trees, 4 to 6 ft. high, 30c.

Alexander. Fruit medium to large; skin greenish white, nearly covered with deep red. White flesh, firm, juicy and sweet. Ripens in June.

Early Crawford. Large, oblong, skin yellow with red cheek. Fresh yellow, rich and juicy. Tree vigorous and productive. A standard variety. July.

Elberta. Fruit very large, yellow with red cheek. Flesh yellow, juicy sweet and highly flavored. A good drying peach and one of the best market varieties. (See cut of Peach). Ripens August.



Elberta Peach

Foster. Large yellow, highly colored, flesh firm and rich, good flavor, small pit. An excellent variety.

George the Fourth. Large, white with red cheek; flesh white, juicy and rich; a favorite variety. August.

Lovell. Large and round. Flesh firm, clear, yellow to the pit. Good for canning, shipping and drying. An excellent variety.

Late Crawford. Very large, roundish; yellow with dark red cheek. Flesh deep yellow; juicy and melting; fine flavor. A favorite variety. August.

Saucer, Chinese Saucer, Australian Saucer, Peen-to. Very peculiar shape, flattened, light yellowish white with blush cheek; flesh very soft and delicate; peculiar flavor, variable quality. The earliest of all; very productive with occasional poor years; good for eating and local market.

Muir. Fruit large to very large; perfect free stone; flesh clear yellow, very dense, rich and sweet; pit small, a good bearer and strong grower. One of the most popular varieties for canning and especially adapted for drying. August.

Salway. Large, round, skin creamy yellow; flesh deep yellow, red at the pit, rich and sweet. A valuable late variety. September.

Phillips Cling. Preferred by canners to all other clings. Fine large yellow, no color at pit, which is very small; very rich and high colored; flesh of the finest texture. September.

Tuscan Cling. A very large yellow cling. Flesh juicy, yellow; clear to the pit, which is small; flesh of the finest texture. An excellent canning variety. September.

White Heath Cling. Creamy white, blush on sunny side; flesh white, tender, juicy and delicious. September.

PLUMS

Trees, 4 to 6 ft. high, 30c each

Damson. Small, oval; dark blue with heavy bloom; flesh melting, rather tart, much used for jams and preserves.

Duarte Blood. Deep purple with yellow dots. Flesh crimson and of rich flavor, a heavy bearer.

Green Gage. Small, round, yellowish green; flesh yellow, firm and sweet.

Burbank. (See cut) Of Japanese origin. Large, round, skin yellow, shaded to a deep red. Flesh deep yellow, firm and juicy with an agreeable flavor. Tree a vigorous grower and an abundant cropper. Excellent for table and canning.



Burbank Plum

Satsuma. (Blood Plum). Skin dark red; flesh dark blood red, firm and solid; very juicy and of a good flavor. A favorite canning variety.

Kelsey. Japan. Very large, heart shaped; color green, changing to rich yellow, shaded to red when ripe. Flesh yellow, firm and juicy, of pleasant flavor. An immense bearer.

Wickson. Large, heart shaped plum. Flesh firm, deep amber yellow, of fine flavor. Tree of vigorous upright growth.

Yellow Egg. A large and beautiful egg shaped, yellow plum; a little coarse, but excellent for cooking.

Tragedy. Skin dark purple. Flesh yellowish green, very rich and sweet. An early variety. July.

PRUNES

Trees, 4 to 6 ft. high, 30c each

French Prune. Medium sized, oval, violet, purple, very sweet, rich and sugary; very prolific bearer. The standard variety for drying. August.

Hungarian. Large, oval, violet, red, fine flavor. Tree an abundant bearer. July.

NECTARINES

Trees, 4 to 6 ft. high, 30c each

Boston. Large, oval, skin yellow with red cheek. Flesh yellow, juicy and sweet. Slightly sub-acid flavor.

New White. Large. Skin greenish white; flesh white, tender and juicy. One of the best.

Lord Napir. Large; cream color with dark red cheek; flesh white. July.

THE AVOCADO

"Harmon." Another widely advertised and valuable fruit. Oval, slightly compressed at stem end, green shaded with reddish brown, dotted with light specks; very good quality and medium to large for this class. The tree very hardy, standing the freeze of 1913 and produced a large quantity of fruit.

Persia Gratissima. Avocado or Alligator Pear. A beautiful tropical tree with large oval shaped leaves, bearing a large pear shaped fruit of a delicious flavor, always in demand as a high class salad. Seedlings, 1½ to 2 ft., 50c each; grafted varieties, \$2.50 to \$6.50, according to size.

P. Taft, near Orange, Calif. Fruit thick necked, pear shaped, skin green and very thick. Flesh rich and nutty, excellent quality. Good bearer. Ripen from June to August. Seed small and tight. Should make a good shipping variety. Extensively advertised and propagated.

"Dickey." Large, green, very productive and good quality. Considered one of the best for commercial purposes. Ripens May to June.

OLIVES

Mission. Medium size; desirable for pickling either green or ripe; also a good variety for oil. An old standard variety introduced by the Spanish padres and now grown here, probably more than any other sort. Each, \$1.00 to \$2.00.

Manzanillo. One of the standards for green and ripe pickles. Produces oil of a very high grade. Very hardy, and a regular and prolific bearer.

QUINCE

Trees, 4 to 6 ft. high, 30c each

Orange. Large, roundish, of a bright golden yellow color. A favorite variety. October. Price, 25c each.

Champion. A good late variety, large size, fine flavor and good keeper. November, 25c each.

PEARS

Trees, 4 to 6 ft. high, 30c each

Bartlett. One of the best known varieties. Fruit large, buttery and melting, with rich musky flavor. Tree a good grower and very prolific. Ripens early.

Winter Nellis. Medium size; early winter pear; an excellent table variety, of fine flavor. Tree a slender, straggling, but free grower.

Seckel. Rather small; skin brown with russet red cheek. Flesh white, buttery, juicy and melting with a rich spicy flavor. September to October.

Louise Bonne. Large, regular long shape, golden bronze, reddish brown cheek. Extra good quality, melting, fine for eating and cooking. Ripens medium early, with or just after the Bartlett; irregular bearer; misses about half the time. A fancy quality, too soft to ship but good for the home and local markets.

CHERRIES

Trees, 4 to 6 ft. high, 30c each

Governor Wood. Clear light red, tender and delicious. Tree a good grower and prolific bearer.

English Morella. Large dark red, tender juicy, rich acid. An excellent cooking cherry.

Black Tartarian. Very large, purplish black; flesh juicy, rich and delicious. The best black cherry. June. Each, 35c.

Royal Ann. Large yellow cherry with red cheek. Fine table variety.

PERSIMMONS

Hyakume. Fruit very large, roundish oblong. Skin orange yellow; flesh dark brown, with many dark spots and but few seeds. Ripens early. Juicy and sweet. Price, 30c to 50c each.

Tane-Nashi. Very large; bright red; flesh yellow; seedless. A good market variety of fine quality. Vigorous grower and heavy bearer. September.

FEIJOA

Feijoa Sellowiana. South America. A beautiful ornamental shrub, or small tree, with oval shaped leaves of a glossy green shade above and silvery white underneath, producing pretty lilac colored flowers in June. Fruit greenish, size of a large walnut, containing a delicious pulp, with an aromatic fragrance. Fruit ripens in November. A very desirable addition to our gardens. Price, 50c.

CUSTARD APPLE

Custard Apple. Cherimoya. A tropical looking tree, bearing a large heart shaped fruit, pulp of a custard like consistency, and generally much relished. Plant in a warm, sheltered location. Price, 50c.

FIGS

Trees, 4 to 6 ft. high, 50c each

Brown Turkey. This is a very large fig; color violet brown; the earliest of all large figs.

White Pacific. Large size fig; color green; flesh light pink. When fully ripened as sweet as honey; a good producer.

Kadota. New A white fig of medium size and one of the best for table use. Tree very prolific.

KUMQUAT

Citrus Japonica. Kumquat or Kin-Kan of Japan. A dwarf ornamental tree, bearing a small oval shaped orange, highly prized for preserving. 3 ft., very bushy, \$2.00 each.



Mission Fig

White Adriatic. Fruit very large. Skin greenish yellow. Flesh reddish. Largely planted in California. August to October.

White Smyrna. Fruit medium size; excellent flavor and sweetness; a good table variety. July.

Mission. (See cut.) The well known California Black Fig, one of the best figs for table use. Tree is a good grower and heavy bearer. July.

ORANGES

Washington Navel. More extensively planted than any other variety. Fruit large, seedless, pulp fine grained. Flavor excellent. A regular bearer. \$1.00 and \$1.50 each.

Thompson's Improved Navel. Rind thinner and smoother than the preceding variety. Fruit medium size and of a good flavor. \$1.00 and \$1.50 each.

Valencia Late. A good summer and autumn orange. Sweet, juicy and of excellent flavor. \$1.00 and \$1.50 each.

Mediterranean Sweet. Fruit medium to large, with few seeds. A good late variety. \$1.50 each.

Maltese Blood. Fruit below medium. Skin very thin and smooth. Pulp ruby red. \$2.00 each.

Tangerine. Dwarf growing trees, producing large crops of small sized fruit. Pulp sweet and separates freely from the rind. A favorite variety. Each \$1.50 and \$2.00.

LOQUAT

Loquat. This tree produces a very delicious fruit, which ripens in early summer; it comes in clusters and is yellow in color. It is also valuable as an ornamental tree; the leaves are large, crumpled, and olive green in color. 50c each; budded varieties, \$1.50 each.

LEMONS

Eureka. A lemon of splendid qualities with an abundance of richly acid juice; a prolific bearer. \$1.50 to \$2.00 each.

Libson. Medium sized fruit, with a few seeds; acid strong and of fine flavor. Price, \$1.50 to \$2.00.

GRAPE FRUIT

Triumph. Medium size, heavy, juicy and well flavored; an early and prolific bearer. Each \$1.50.

Marshes Seedless. An excellent variety; seedless and sweet; considered by many to be the best of the Pomelo family. \$1.50 to \$2.00 each.

LIME

Mexican. Common Lime of West Indies and South Florida. Small fruits borne very abundantly; intensely acid. Tree quite tender, not being able to stand so much cold as the lemon. 3 ft. high, \$1.50 each.

Tahiti. Fruit smaller than Lemons, with a distinct pungent acid taste preferred by many. Often used as a hedge, for which it is well adapted, but it will grow as large as a lemon tree. 4ft. high, \$2.00 each.

Citron. Widely known over the whole earth as a preserve. The fruits are large, from 2 to 5 pounds in weight, with a very thick inner skin. This is the part which is preserved. \$2.00 each.

GRAPES

FOREIGN VARIETIES

10c each; \$1.00 per dozen

Black Hamburg. Bunches and berries large; black; very sugary and rich; one of the best table grapes.

Cornichon. Black; berries very large, oblong; skin rather thick; agreeable flavor; ripens late; a good keeper and shipper.

Malaga. Very large bunches, often weighing 10 pounds; fruits very large, oval, yellowish green. A good shipping variety, commanding a high price in the eastern markets. The vine is a strong grower and very productive.

Tokay. Berries large; skin thick, pale red; flesh firm and sweet; excellent for table.

Muscat of Alexandria. Bunches and berries large, pale amber; a good table and raisin grape.

Sultana. Bunches long and compact; berries amber color, seedless; a good bearer and excellent for raisins.

Thompson Seedless. Large bunches; berries greenish yellow, seedless; larger than the Sultana; makes a raisin of fine quality.

Emperor. Berries oblong, rose color; a fine, late variety; vine vigorous and heavy bearer.

Rose of Peru. Very large bunches; berries rounding, brownish black; a good table grape.

Black Malvoise. Bunches long and tapering; berries black, oblong, sweet and juicy; flavor excellent; a prolific bearer; good table and wine grape.

AMERICAN VARIETIES

10c each; \$1.00 per dozen

Catawba. Bunches large, coppery red, fine for wine-making.

Concord. Early, large, black; berries sweet.

Delaware. Red, bunches medium size, sweet and delicious.

Isabella. A fine market variety; berries oval, black, sweet and juicy.

Niagara. Pale yellow, large berry; flesh tender and of fine flavor. One of the best white grapes.

WALNUT

Santa Barbara Soft Shell. Seedling. The tree is a vigorous grower, an early and abundant bearer; the nut is large, the kernel white, sweet and readily extracted the shell being easily broken. Price of trees, 6 ft., 50c each.

Placencia Perfection. Grafted. The leading variety grown at the present time in Southern California. Large, full, oval, with slight rib at joint of shell. Thrifty and productive, fast grower and bears young. 4 to 5 ft., each \$1.00; 6 to 7 ft., \$1.50.

BLACKBERRIES

Crandall's Early. Large, firm, good flavor. Ripens early and continues to bear through the whole blackberry season. 50c per dozen; per 100, \$2.50.

Mammoth. New. A strong grower and very productive. The fruit is very large and has a delicious flavor. The acid flavor so pronounced in all other kinds is very mild and pleasant, and when fully ripe is very sweet. 10c each; \$1.00 per dozen.

Himalaya Blackberry. Imported originally from the Himalaya mountains. It is a remarkable grower, canes growing 40 ft. in a single season; an enormous bearer, a good shipper, berry round; very few seeds and with almost no core. June to late fall. Per dozen, \$1.00.

DEWBERRIES

Gardena. This grand berry has proven to be a great success. Ripening in May. The fruit is large, firm, rich and melting; a prolific bearer. 10c each; 50c per dozen.

LOGANBERRY

A California production, being a hybrid between the wild California Blackberry and the Red Antwery Raspberry. The fruit is as large as the largest Blackberry. Color, a rich purplish red, with a very pleasant vinous flavor. It is excellent for table, eaten fresh or cooked, and is in great demand for jellies. Vines are continuous bearers. 10c each; 50c per dozen; \$3.50 per 100.

GUAVAS

Strawberry Guava. A fine ornamental shrub or small tree, producing large crops of eatable fruit having similar flavor to the strawberry. Makes excellent jelly. Price, 15c, 25c and 50c each.

Lemon Guava. Large, pear shaped, yellowish fruit. This variety often suffers from frost and should be planted in warm locations. 35c each.

POMEGRANATE

Paper Shelled. The glossy foliage and brilliant scarlet flowers are very ornamental. Fruit richly colored and of good flavor. 35c each.

RASPBERRIES

Cuthbert. The best Red Raspberry on the market. Fruit large, deep crimson, firm and fine. 50c per dozen; \$2.50 per 100.

STRAWBERRIES

Brandywine. An excellent variety and one of the most popular. The berries are large, glossy red, firm and of good flavor. A good healthy grower and very productive. 75c per 100.

Lady Thompson. Early, fine for fall planting; vigorous, adapted to all climates; a fine variety for market. 75c per 100.

Klondike. A medium early variety of recent introduction. Fruit beautiful and uniform in

shape; a rich blood-red in color; juicy and delicious in flavor. Well worth planting. To get best results some of the perfect flowered varieties that bear about the same time should be planted with "Klondike" to insure pollinization. 75c per 100.

Vegetable Plants and Roots

ARTICHOKES

Artichokes. Large green globe. The best and most extensively cultivated. Each, 20c; per dozen, \$2.00.

ASPARAGUS

Conover's Colossal. A good market variety, producing long, crisp stalks of excellent quality. Per dozen, 15c; per 100, \$1.00.

Palmetto. Very large, early, prolific and of uniform size; a standard variety. Per dozen, 15c; per 100, \$1.00.

CAULIFLOWER

Henderson's Early Snowball. A favorite variety with market gardeners for its earliness and reliability as to a sure header and pronounced superior to all others. Per dozen, 20c; per 100, \$1.00

CHIVES

Chives, or Schnittiauck, are used for flavoring soups, salads, etc. 10c per clump; \$1.00 per dozen.

RHUBARB

New Crimson Winter Rhubarb. Practically a continuous producer of fresh, crisp stalks of delicious flavor. Strong roots, 25c each.

Victoria. A standard market variety, producing large tender stalks of best quality. Strong roots, 15c each; \$1.00 per dozen.

CABBAGE

Early Winnigstadt. Early, large and very productive; perfect shape and excellent quality; the best of the early varieties. Per dozen, 15c.

Danish Ball Head. The hardiest round headed variety in cultivation; the best for winter keeping. Per dozen, 15c; per 100, 50c.

SWEET POTATO PLANT

Sweet Potato Plants. Ready in April and May. Yellow Nansemond and large white. 50c per 100.

TOMATO PLANTS

Beefsteak. The favorite late tomato for the home garden in Southern California. Large and solid. Flesh rich and meaty. A good grower and prolific bearer. Per dozen, 15c; per 100, \$1.00.

Spark's Earliana. Extremely early, of uniform size; color of flesh deep red; very solid and fine flavor. Per dozen, 15c.

The Stone An excellent variety; fruit large and smooth, bright scarlet color; ripens evenly and without cracking; a vigorous grower and very productive. 15c per dozen.

Trophy. An old favorite. Large size, round and smooth, solid and excellent flavor. 15c per dozen.

Number of Trees to Plant to An Acre Set at Regular Distances Apart

Distance Apart	No. of Plants	Distance Apart	No. of Plants	Distance Apart	No. of Plants
3 inches by 4 inches..	522,720	4½ feet by 4½ feet.....	2,150	14 feet by 14 feet.....	222
4 inches by 4 inches..	392,040	5 feet by 1 foot	8,712	15 feet by 15 feet.....	193
6 inches by 6 inches..	174,240	5 feet by 2 feet	4,356	16 feet by 16 feet	170
1 foot by 1 foot.....	43,560	5 feet by 3 feet	2,904	16½ feet by 16½ feet...	160
1½ feet by 1½ feet...	19,360	5 feet by 4 feet	2,178	17 feet by 17 feet.....	150
2 feet by 1 foot	21,780	5 feet by 5 feet.....	1,742	18 feet by 18 feet.....	134
2 feet by 2 feet	10,890	5½ feet by 5½ feet	1,440	19 feet by 19 feet.....	120
2½ feet by 2½ feet ..	6,960	6 feet by 6 feet	1,200	20 feet by 20 feet.....	108
3 feet by 1 foot	14,520	6½ feet by 6½ feet	1,031	25 feet by 25 feet	69
3 feet by 2 feet	7,260	7 feet by 7 feet	888	30 feet by 30 feet	48
3 feet by 3 feet	4,840	8 feet by 8 feet	668	33 feet by 33 feet.....	40
3½ feet by 3½ feet...	3,555	9 feet by 9 feet	537	40 feet by 40 feet.....	27
4 feet by 1 foot.....	10,890	10 feet by 10 feet	435	50 feet by 50 feet.....	17
4 feet by 2 feet	5,445	11 feet by 11 feet.....	360	60 feet by 60 feet	12
4 feet by 3 feet	3,630	12 feet by 12 feet	302	66 feet by 66 feet.....	10
4 feet by 4 feet.....	2,722	13 feet by 13 feet	257		

Rule.—Multiply the distance in feet between the rows, by the distance the plants are apart in the rows, and the products will be the number of square feet for each plant or hill; which divided into the number of square feet (43,560) will give the number of plants to the acre.

JARDINIERES, FLOWER POTS and HANGING BASKETS

JAPANESE TUBS

We Carry in Three Sizes, Which Are Largely Used For Porch Plants

OREGON GREEN MOSS

We Sell by the Pound or Bale. The Best Moss For Filling
Hanging Baskets

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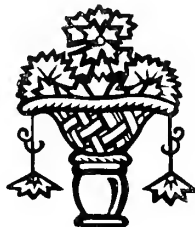
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Amateurs' Collection

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EVERGREEN SHRUBS

\$5.00

In selecting the Following Varieties, we have chosen what we consider
an IDEAL COLLECTION for a Small Place. See
description under Evergreen Shrubs
and Trees

- 1 Abutilón, Golden Fleece
 - 1 Choisya Ternata
 - 1 Pittosporum Undulatum
 - 1 Lauristinus
 - 1 Habrothamnus Elegans
- 1 Loquat
 - 1 Melalenca Hypericifolia
- 1 Grevillea Thelemannia
 - 1 Spanish Broom
 - 1 Diosma Alba
 - 1 Coprosma
 - 1 Abelia Rupistris

BRANCH NURSERY

El Monte Road, Two Blocks East of San Gabriel Boulevard, East San Gabriel

Fruit Tree Collection

\$5.00

2 APPLE

1 ALMOND

1 ROYAL APRICOT

2 PEACH

1 FIG

1 PLUM

1 NECTARINE

1 BARTLETT PEAR

1 NAVEL ORANGE

1 EUREKA LEMON

1 GRAPE FRUIT

Plants For School Gardens

We are in entire sympathy with the movement in the direction of increased facilities for teaching Elementary Gardening to young people, and shall be glad to give what advice we can, and to submit special quotations for Plants required, if a list of such is submitted to us.

BRANCH NURSERY

El Monte Road, Two Blocks East of San Gabriel Boulevard, East San Gabriel

Large Specimen Plants

For Immediate Effect

WE HAVE ESTABLISHED IN BOXES
LARGE-SIZED SHRUBS
TREES, PALMS, ROSES
AND VINES :- :- :-

RANGING IN HEIGHT FROM 6 TO 12 FEET, AND WILL BE
PLEASED TO SHOW THEM TO PROSPECTIVE
PURCHASERS AT ANY TIME

Gardeners' Register

We keep a Register of Practical Gardeners, and take pleasure to recommend to parties in need of such—men that we know to be thoroughly reliable and experienced in California Gardening.

BRANCH NURSERY

El Monte Road, Two Blocks East of San Gabriel Boulevard, East San Gabriel

CHISHOLM'S SUPERB COLLECTIONS OF SPRING FLOWERING BULBS

\$10.00 Worth of Pleasure for \$1.00

Special Bulb Collection A

Prepaid by Mail or Express, in the U. S. A., \$1.15

3 Hyacinths, single, separate colors	6 Tulips, mixed	12 Ranunculus, mixed
3 Hyacinths, double, separate colors	6 Narcissus, mixed	12 Ixias, mixed
	12 Anemones, mixed	12 Sparaxis, mixed

Our Big \$2.00 Collection B

Prepaid by Mail or Express, in the U. S. A., \$2.30

6 Hyacinths, single, separate colors	6 Narcissus, mixed	12 Montbretias, mixed
6 Hyacinths, double, separate colors	12 Anemones, mixed	12 Freesias, mixed
12 Tulips, mixed	12 Spanish Iris, mixed	12 Oxalis, mixed
	12 Ranunculus, mixed	12 Ixias, mixed
	12 Sparaxis, mixed	1 Iris Susiana, mixed

Wonder \$3.00 Collection C

Prepaid by Mail or Express, in the U. S. A., \$3.60

12 Freesias	6 Narcissus Polyan-	6 Hyacinths, double,
12 Ixias, mixed	thus	mixed
12 Montbretias, mixed	12 Tulips, mixed	12 Jonquils
12 Anemones, mixed	6 Cyclamen	1 Amaryllis John-
12 Ranunculus, mixed	12 Oxalis	sonii
12 Sparaxis, mixed	6 Calochortus, mixed	2 Tuberous Bego-
12 Spanish Iris	6 Hyacinths, single,	nias
6 Narcissus, mixed	mixed	

Our special Bulb Collections are made up of the same choice bulbs as offered in this Catalogue. As we offer them in these collections at a lower price, no change can be made in varieties, and cash or its equivalent must accompany all orders.

BRANCH NURSERY

El Monte Road, Two Blocks East of San Gabriel Boulevard, East San Gabriel

ORDER SHEET

Reg. No. _____

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Cor. Los Robles Ave. and Villa St., Pasadena, Cal.

Gentlemen: Enclosed find \$ _____ for the following order:

Name_____

Post Office _____ County _____

Express _____ State _____

How to be shipped $\left\{ \begin{array}{l} \text{Express} \\ \text{Freight} \end{array} \right\}$ _____

While we exercise the greatest care to have our trees and plants true to label, and hold ourselves prepared, upon proper proof, to replace any that may prove otherwise, and in case of error on our part, it is mutually agreed between the purchaser and ourselves that we shall not, at any time, be held responsible for a greater amount than was paid for them. All goods are sold only on above conditions.

T. CHISHOLM.

[illegible]

In making your order, please give the price, to avoid delay and errors

[illegible]

Cut Flowers

For Floral Decorations

We are prepared at all times, on receiving reasonable notice, to fill orders for Weddings, Receptions and other Floral Arrangements.

Decorative Plants

For Public and Private Receptions

Our stock of Kontia and Raphis Palms and other decorative plants is the finest in the city, and can be rented by the day, week or month, at reasonable rates.

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We have a large stock of Bay Trees, Pyramid and Standard Box-wood Trees, for porch decorations of hotels or private residences.

Landscape Gardening Department

Our thirty years' experience in planning, laying out and planting of grounds in Pasadena and surrounding country, has made us familiar with the various conditions and requirements of the soil, which is very important to know in laying out and planting new grounds.

The climatic conditions, the different soils to contend with, the luxuriant growth of trees and shrubs, the irrigating and care of stock after planting, being altogether different from what is required in less tropical climates. We planned, laid out and planted Central Park, Pasadena, and also many of the largest and finest places here and in other locations. We keep a force of experienced men for such work and give it our personal supervision.

Lawn Seed

We are probably the largest dealers in Kentucky Blue Grass and White Clover Seed in our city, using large quantities ourselves in the making of lawns. We buy nothing but the best quality in the market and sell the same to the public. The price of these Seeds fluctuates and is subject to change. Our choice Kentucky Blue Grass Seed, per lb., ~~35c~~ ^{38c}. White Dutch Clover Seed, per lb., ~~35c~~ ^{38c}. Special price for large quantities.

Lawn Fertilizers, Etc.

We handle large quantities of Lawn Fertilizers of the best grades; Ground Bone, Pure Pulverized Sheep Manure, Leaf Mould and Prepared Soils; Granite for making driveways and walks.

